Current Economic Analysis S-**42**

Shellfish Market Review

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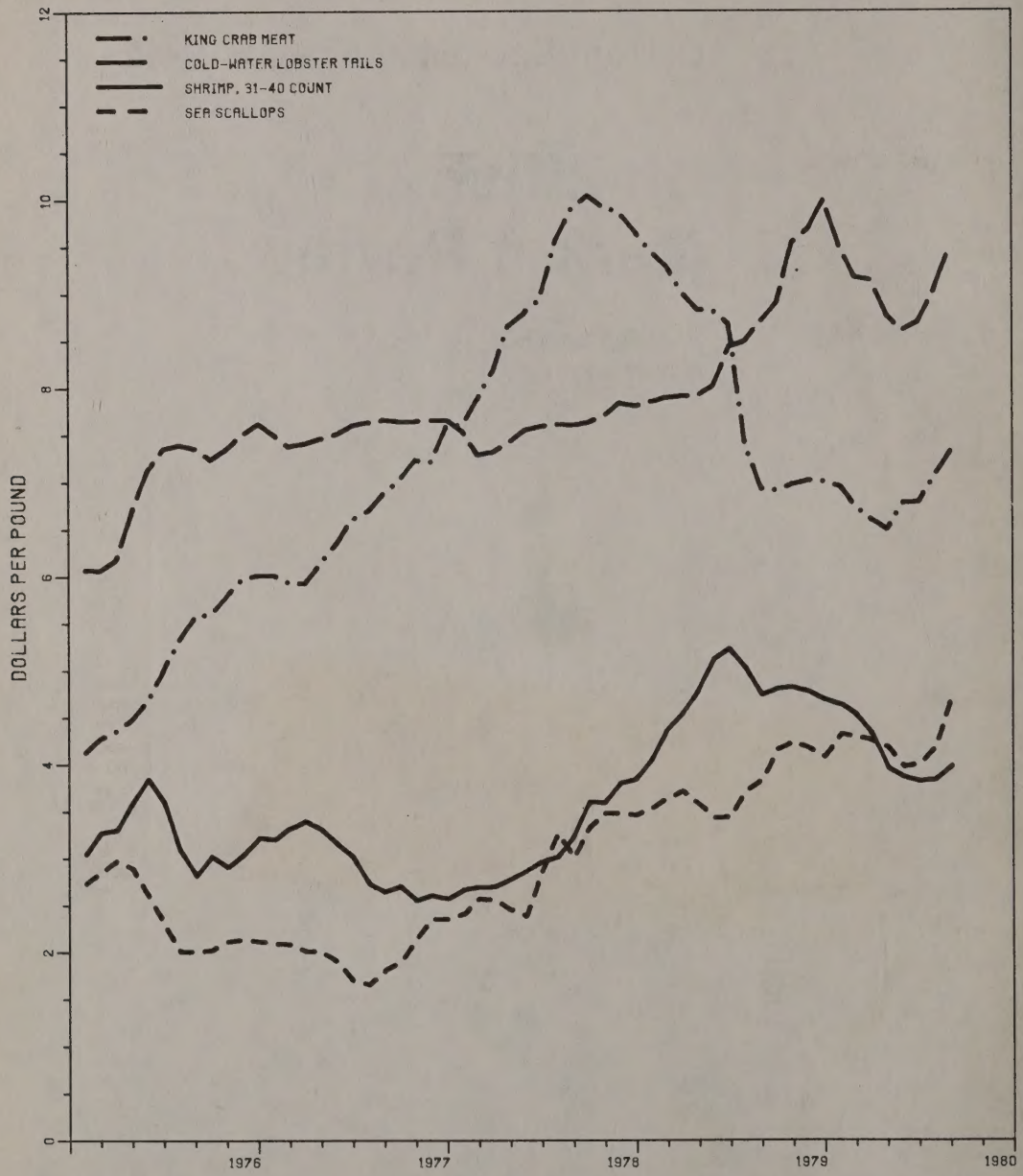
U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service

Figure 1.--WHOLESALE PRICES OF SELECTED SHELLFISH PRODUCTS, MONTHLY, 1976-80



SHELLFISH MARKET REVIEW

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SUMMARY

Markets for shellfish products in the first half of 1980 were weaker than a year earlier as demand for those products was lower during the slowdown in the economy. Prices during this period fell, many from record high levels (fig. 1). Consumption for most shellfish products declines during a recession when real disposable income falls, real restaurant sales decline, and unemployment rises. All these factors affect demand. For a further discussion of sales of seafood, see page 13.

Shrimp: Supplies, consumption and prices of shrimp in the first half of 1980 were down from 1979. Landings in the Gulf and South Atlantic were down sharply as many vessels decided to remain in port because of lower prices paid, low seasonal catches, and rising fuel prices. Imports were also down. Inventories of shrimp were heavy. Landings in the Gulf of Mexico during July-September were above year-earlier levels and catches in Mexico are reported to be good. Prices through October were still weak. Supplies of shrimp should be adequate for present levels of consumption. However, there were several signs that the economy has bottomed out and demand for shrimp will begin to increase during the rest of 1980 and into 1981.

Scallops: Supplies and consumption of scallops declined in the first half of 1980. Landings of sea scallops increased slightly, while imports dropped sharply. Demand for scallops in the first half was weak, and exvessel and wholesale prices retreated from record highs at the beginning of 1980. New supplies decline seasonally in the second half of the year. Sharp advances in prices during the third quarter to new record levels indicate that demand is strengthening. There could be some resistance to the record high prices, particularly when they are compared to lower prices for shrimp.

American Lobster: Domestic landings and imports of American lobster declined marginally in the first half of 1980. Compared to 1979, prices in the first 3 months of 1980 were weaker, but were stronger in the second quarter. Supplies in the second half of 1980 are expected to be below a year earlier. The market should strengthen in the last quarter of 1980.

Lobster Tails: Supplies of lobster tails in the first 6 months of 1980 were 11 percent below 1979 because demand was weak. Total imports were off 14 percent, while imports of warm-water lobster tails fell sharply. Markets for lobster tails strengthened in the third quarter, and prices were nearing record high levels. Supplies will continue to be light because of lower imports.

King Crab: Total king crab inventories at the beginning of 1980 were substantially above year-earlier levels. Reduced prices to the food service trade, and to retail grocery stores benefitted sales. Brisk sales reduced inventories below year-earlier levels. Supplies will be light until this season's landings reach the market. Second-half landings are expected to equal the 1979 catch. Recent increases in wholesale prices should not hamper demand, and prices could increase further. Exports of king crab to Japan may be lower in 1980 because of a weaker market and substantial holdings in Japan.

Snow Crab: Landings of snow crab in the first half of 1980 were off slightly from 1979. Higher beginning inventories were reduced, and sales were aided by lower prices. Landings in the second half will be seasonally low. Inventories at the beginning of August were substantially lower than a year ago. Prices will be determined by supplies, export demand, and also by the market for king crab.

Outlook: Shellfish markets, except for shrimp, began to strengthen in the third quarter of 1980. This improvement should continue to the end of 1980 and into 1981. Shrimp markets were still weak, but should begin to improve later in 1980. Although supplies of several products are on the light side, they should be adequate under present demand.

There are a number of signs of a recovery in the U.S. economy. The outlook is not completely optimistic because inflation continues at or near double digit levels, and interest rates have risen. The growth in the economy is expected to be moderate into 1981. If prices of many shellfish products increase too rapidly and steeply, there could be some market resistance to the higher prices.

Table 1.--Supply and use of fresh and frozen shrimp, January-June, 1974-78 average, 1979, and 1980

(Heads-off weight)

Component	1974-78 average	1979	1980
	--- Million pounds ---		
Beginning inventory	68.8	56.2	78.3
Landings 1/	54.9	56.6	43.5
Imports	120.2	116.2	103.4
Total supply	243.9	228.0	225.2
Ending inventory	54.3	37.4	39.9
Canned pack 2/	12.5	6.2	9.9
Exports	19.1	21.3	14.7
Apparent consumption	157.9	164.1	160.7

1/ South Atlantic and Gulf only.
2/ Gulf States only.

SHRIMP

In the first half of 1980, the supplies, consumption and prices of shrimp were down from year-earlier levels. Landings in the Gulf and South Atlantic were sharply lower. Imports were above year-earlier levels in the first quarter, but the lead declined as the quarter progressed; imports were sharply lower in the second quarter. Because of lower landings and imports, high beginning inventories were drawn down to low year-earlier levels by the end of June 1980.

Landings of shrimp in the Gulf and South Atlantic were 43 million pounds (heads-off weight) in the first half of 1980, 23 percent below a year earlier, and 21 percent below the 1974-78 average (table 1). Monthly landings in 1980, however, moved closer to year-earlier levels as the main season progressed. Low landings in early 1980 occurred because vessels remained in port--some since December 1979. Reduced and declining prices for shrimp, increased prices for fuel, and low catch rates during the off season made fishing more costly than staying in port. Catch rates improved during the summer, but exvessel prices of shrimp and fuel prices remained a problem. Shrimp trawlers' fuel expenses represent a high percentage of their costs, one of the highest among U.S. fisheries, if not the highest. According to industry sources, escalating fuel prices will affect operating strategies, including restriction of fishing to summer months.

Total imports of shrimp were 92 million pounds (product weight) in the first half of 1980, 8 percent below a year earlier, and 11 percent below the 1974-78 average (table 2). Receipts of raw headless shrimp increased 5 percent above a year earlier, and shipments of canned shrimp increased over two-thirds from 1979. The major drop was in imports of peeled raw shrimp--off 28 percent.

Table 2.--Imports of shrimp by product type, January-June, 1974-78 average, 1979, and 1980

Product	1974-78 average	1979	1980
	--- Million pounds ---		
Raw headless	54.2	52.9	55.6
Peeled raw	42.3	41.8	30.3
Canned	1.9	1.6	2.7
Breaded	.4	.2	.1
Other	4.8	4.0	3.7
Total	103.7	100.6	92.5

The decline in imports of peeled raw shrimp was caused by a sharp drop in shipments from India. Imports of peeled raw shrimp from India in the first half of 1980 were 4.4 million pounds--off 69 percent from 1979 because the Food and Drug Administration (FDA) restricted most imports due to presence of salmonella. Imports from Taiwan and Hong Kong were also of questionable quality.

Imports of raw headless shrimp in the first half of 1980 were above a year ago. Imports from Mexico, the leading foreign shipper, were up slightly. The gain resulted from increased shipments of raw headless shrimp from Venezuela and Ecuador primarily from their increased pond culture of shrimp. The market for shrimp was weak in the United States, and the Japanese market was also soft. Imports of shrimp by Japan were 165 million pounds through July--16 percent less than in 1979. Japanese imports of shrimp from Mexico were off 46 percent, while imports from the United States declined 79 percent. Japan's primary suppliers are India, Indonesia, People's Republic of China, Thailand, and Australia. Mexico ranked seventh, and the United States was well down the list. In 1979, Japan was the largest importer of shrimp with 350 million pounds valued at $1.4 billion. The United States purchased 224 million pounds, valued at $713 million in 1979.

Beginning inventories of 56 million pounds (heads-off weight) in 1979 were 18 percent below the 1974-78 average, while beginning inventories of 78 million pounds in 1980 were 14 percent above the average (table 1). Inventories on July 1, 1980 were 40 million pounds, 7 percent above low year-earlier levels, but 27 percent below the 1974-78 average. Inventories normally drop to a seasonal low about July 1 and rise to a seasonal high about January 1. The inventory drop of 49 percent in the first half of 1980 was well above the 1974-78 average drop of 21 percent. The steeper drop was associated with low landings and imports, and an effort to cut inventories to reduce carrying costs.

Consumption of all shrimp fell sharply below the long-term trend to 402 million pounds (heads-off weight) in 1979; it was 12 percent below 1978, and 17 percent below 1977, the record year. First-half consumption of fresh and frozen shrimp in 1980 declined 2 percent from 1979 although it was 2 percent above the 1974-78 average (table 1 and fig. 2).

Figure 2.--CONSUMPTION, IMPORTS, AND LANDINGS OF FRESH AND FROZEN SHRIMP, JANUARY-JUNE, 1974-80

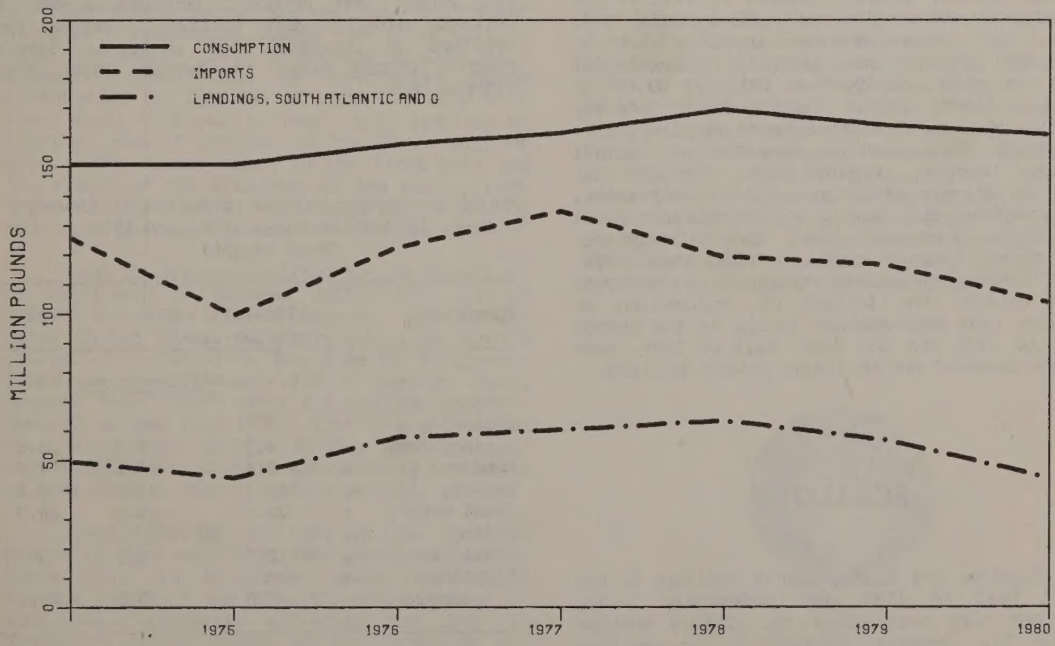
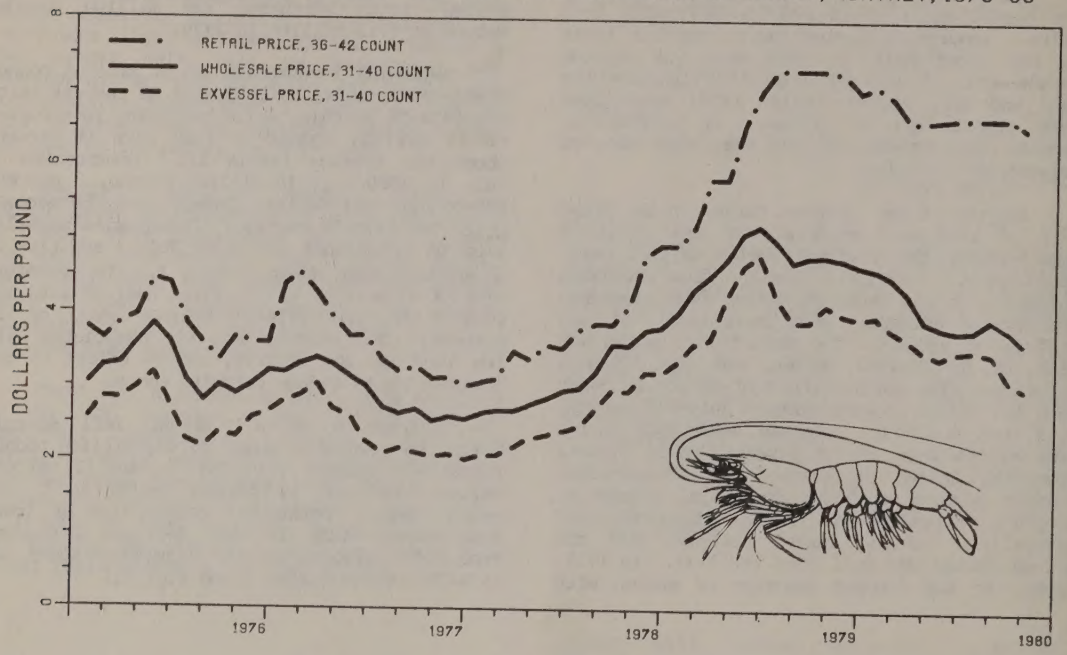


Figure 3.--EXVESSEL, WHOLESALE, AND RETAIL PRICES OF SHRIMP, MONTHLY, 1976-80



As shown in figure 3, exvessel prices of shrimp trended strongly upward from $2.01 per pound in December 1977 to $4.82 in June 1979; then, they trended downward reaching $3.43 in May 1980; and they rose slightly in June-August 1980 to about $3.50, but fell to $3.03 in October (31-40 count, raw headless, Western Gulf). Wholesale prices behaved similarly (31-40 count, raw headless, New York). Retail prices, however, remained high; they did not fall as sharply after June 1979 (36-42 count, raw headless, Baltimore). If restaurant prices for shrimp items and retail food store prices for shrimp behaved similarly since June 1979, then consumer resistance to higher prices could help explain the failure of consumption to improve from year-earlier levels in the second half of 1979 and the first half of 1980, even though exvessel and wholesale prices declined.

SCALLOPS

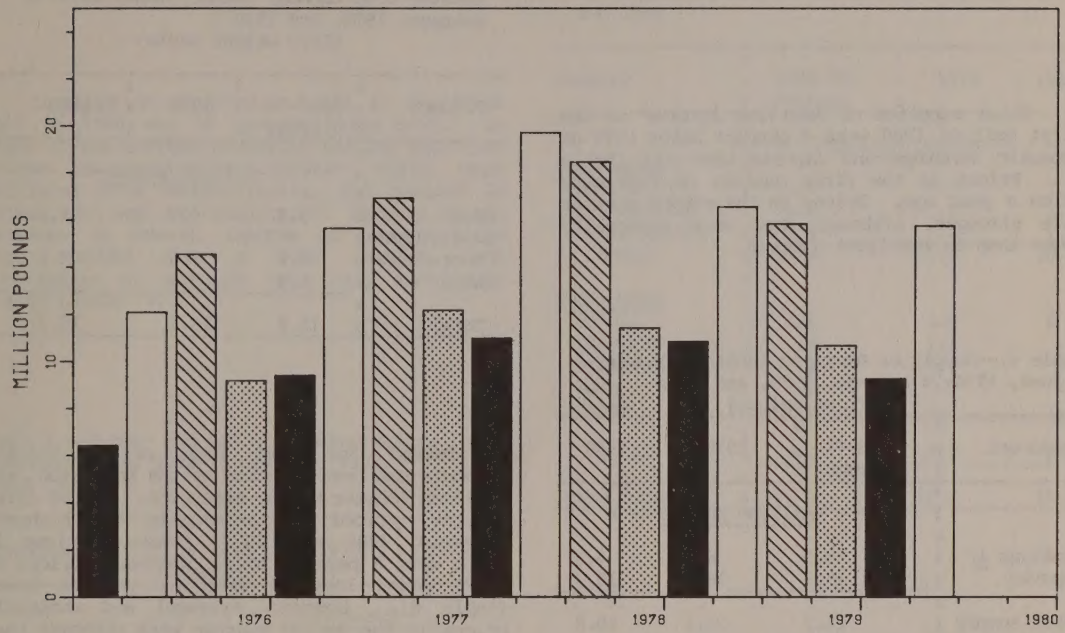
Supplies and consumption of scallops in the first half of 1980 were moderately lower, although they were above the 1974-78 average (table 3). Domestic landings of sea scallops increased slightly over last year, while imports were substantially lower. Demand for scallops was weaker and apparent consumption was 8 percent below a year earlier. Prices for scallops at exvessel and wholesale levels reached record highs in January 1980, then slipped back.

Table 3.--Supply and use of scallops, January-June, 1974-78 average, 1979, and 1980 (Meat weight)

Component	1974-78 average	1979	1980
	- - -Million pounds- - -		
Beginning inventory	4.0	5.1	5.5
Landings 1/	8.4	14.2	14.6
Imports	10.5	11.3	8.2
Total supply	22.9	30.6	28.3
Ending stocks	2.9	3.3	3.3
Apparent consumption	20.0	27.3	25.0

1/ Sea scallop landings only.

Figure 4.--CONSUMPTION OF SCALLOPS, QUARTERLY, 1976-80



The weaker market for scallops contributed to higher inventories during the first half of 1980. A sharp drop in imports leading to a 2.2-million-pound fall in inventories caused inventories by the end of June to fall to a level equal to a year earlier. U.S. landings of scallops rose 3 percent in the first half of 1980. The higher catch in the first half was the result of the discovery of new scallop beds in the Gulf of Maine. All other major scallop beds have been less productive this year.

Total imports of scallops in the first half of 1980 were 27 percent below 1979, and 22 percent below the 1974-78 average. Canada, the major United States supplier, accounted for 78 percent of the total--a drop from its 85-percent share in January-June 1979. Through June, imports from Canada were 6.4 million pounds--down 33 percent from 1979. That drop was caused by a 25-percent decline in Canadian landings, and reflects the drop in abundance on a portion of Georges Bank where Canadian vessels operate.

Consumption of scallops in the first 6 months of 1980 was 25 million pounds--8 percent below 1979, and 25 percent above the 1974-78 average (table 3 and fig. 4). The decline in consumption primarily reflected the drop in restaurant sales caused by the recession and lower supplies available from Canada.

After prices of scallops reached a record level in January, they retreated. The drop in prices was partially explained by a normal seasonal pattern, as they usually decline about 20 percent from January to May. Exvessel prices fell from $4.20 a pound in January to $3.17 in May (a 24-percent drop). Prices took an upswing in June and continue to increase. Exvessel prices in August hit a new record high of $4.31 a pound. Wholesale prices followed a similar pattern. Prices in Boston declined from $4.30 in January 1980 to $3.95 a pound in May, then advanced to a record $4.67 in August.

AMERICAN LOBSTER

Total supplies of American lobster in the first half of 1980 were 6 percent below 1979 as domestic landings and imports were off (table 4). Prices in the first quarter of 1980 were below a year ago. Prices in the second quarter were stronger, although they were seasonally lower than in the first quarter.

Table 4.--Supply of American lobster, January-June, 1974-78 average, 1979, and 1980
(Live weight)

Component	1974-78 average	1979	1980
	Million pounds		
Landings 1/	5.5	4.7	4.5
Imports	15.8	16.4	15.3
Total supply	21.3	21.1	19.8

1/ At major ports.

Domestic landings in the first half of 1980 were marginally lower than in 1979 and 18 percent below the 1974-78 average. Landings in Maine, which accounted for 66 percent of the total, were up 15 percent to 2.9 million pounds.

United States imports of American lobster from Canada were 6 percent below a year ago on a live-weight basis (table 5). Imports of live lobster were down 13 percent, but were partially offset by a 28-percent increase for lobster in airtight containers. Imports of other lobster products declined 26 percent, but were above the 1974-78 average. The 6-percent drop in imports from Canada was far less than the 24-percent decline in Canadian landings of American lobster through June.

Table 5.--United States imports of American lobster from Canada, January-June, 1974-78 average, 1979, and 1980
(Live weight basis)

Product	1974-78 average	1979	1980
	Million pounds		
Live	9.4	9.7	8.4
In airtight containers	4.9	3.6	4.6
Other	1.4	3.1	2.3
Total	15.8	16.4	15.3

Demand for most high priced fishery products has been affected by the recession, and American lobster was no exception. In the first quarter, prices are seasonally the highest. Comparing 1980 with 1979, exvessel prices in Maine were 8 percent lower; wholesale prices of 1-1/4 pound lobsters were 5.6 percent lower (table 6). However, exvessel and wholesale prices in the second quarter were stronger than in 1979, apparently because of strengthening of demand and reduced Canadian landings. In the second quarter, exvessel prices averaged $2.59 a pound--14 percent above 1979, while gains in exvessel prices were one-half those at the wholesale level. The wholesale price of 1-1/4 pound lobsters of $4.01 a pound was $.87 above 1979.

Table 6.--Average prices for American lobster, first and second quarters, 1979 and 1980

Item	1979		1980	
	1st qtr.	2d qtr.	1st qtr.	2d qtr.
	Dollars per pound			
Exvessel 1/	3.21	2.27	2.94	2.59
Wholesale 2/				
Chix	4.23	3.14	3.98	4.00
1-1/8 lb	4.23	3.14	3.99	4.00
1-1/4 lb	4.27	3.14	4.03	4.01
1-1/2 lb	4.88	3.47	4.45	4.09
2 - lb	5.23	3.61	5.10	4.16

1/ Maine.
2/ At New York, NY.

LOBSTER TAILS

Consumption of lobster tails in the first half of 1980 was 14 percent below 1979. In light of the current recession and the fact that prices of cold-water lobster tails were declining from record levels, the decline in consumption was not unexpected. Because of the slowdown in demand, imports of lobster tails were reduced from a year earlier, and inventories at mid-year were only marginally higher (table 7).

Table 7.--Supply and use of lobster tails, January-June, 1974-78 average, 1979, and 1980

Component	1974-78 average	1979	1980
	Million pounds		
Beginning stocks	5.1	5.9	5.7
Imports	17.9	19.3	16.6
Total supply	22.9	25.2	22.3
Ending stocks	4.7	4.6	4.7
Apparent consumption	18.2	20.4	17.6

Although total imports of lobster tails in the first half of 1980 were off 14 percent from a comparable period in 1979, imports of cold-water lobster tails declined only 3 percent (table 8). Imports from Australia, the leading United States supplier, were 7.9 million pounds in the first half of 1980--up 3 percent. Receipts from New Zealand were also higher than in 1979, and were equal to the 1974-78 average imports. Those increases, however, were offset by the 43-percent drop in lobster tails from South Africa.

Imports of warm-water lobster tails in the first half were off 29 percent from January-June 1979, led by the sharp decline in shipments from Brazil and Nicaragua. Receipts from Brazil were 35 percent below 1979, while shipments from Nicaragua declined 44 percent.

Table 8.--Imports of lobster tails by country of origin, January-June, 1974-78 average, 1979, and 1980

Country	1974-78 average	1979	1980
	Million pounds		
Cold-water			
Australia	6.6	7.7	7.9
New Zealand	1.4	.9	1.4
South Africa	2.8	2.4	1.4
Total	10.8	11.0	10.7
Warm-Water			
Brazil	2.8	3.4	2.2
Honduras	.4	1.1	.9
Nicaragua	.9	1.6	.9
Asia	1.7	.9	.5
Other	1.5	1.3	1.4
Total	7.1	8.3	5.9
Grand total	17.9	19.3	16.6

Total inventories of lobster tails at the beginning of 1980 were marginally below those of January 1, 1979, but were 12 percent above the 1974-78 average (table 7). Current-year inventories, during most of the first half, had been running above both the 1974-78 average and a year earlier, but were reduced by mid-year. July 1 stocks were just slightly above 1979 and equal to the 1974-78 average for July 1 but they were reportedly low for some sizes of cold-water lobster tails.

Apparent consumption of lobster tails in the first half of 1980 was off 14 percent from 1979, and was 3 percent below the 1974-78 average (table 7). Consumption in the first quarter was one-third below a year ago, but bounced back in the second quarter.

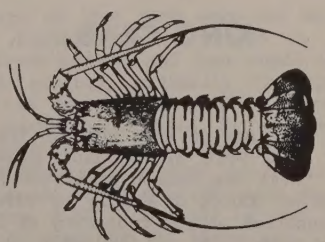
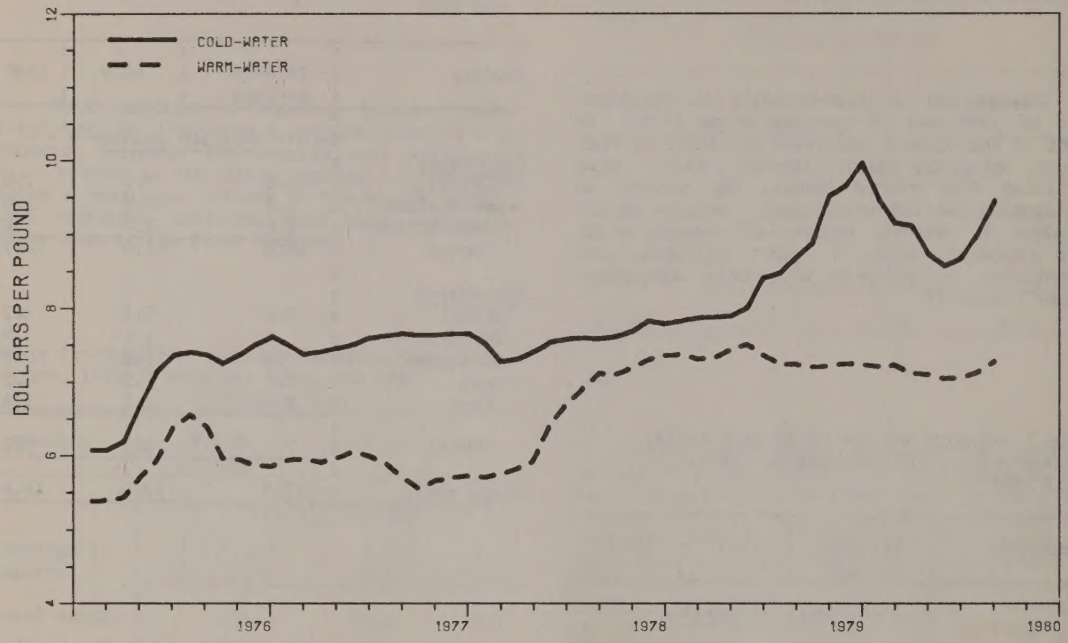


Figure 5.--WHOLESALE PRICES OF LOBSTER TAILS (6-8 OZ.) AT NEW YORK CITY, MONTHLY, 1976-80



There has been a distinct difference in the behavior of wholesale prices of cold- and warm-water lobster tails in 1980. Prices of cold-water lobster tails at New York City dropped 13 percent to $8.67 a pound in June 1980 from a record $9.98 in December 1979 (fig. 5). Markets strengthened considerably in the second quarter after prices dropped below $9 a pound. Meanwhile, wholesale prices for 6- to 8-ounce warm-water lobster tails from Brazil were fairly stable in the first half of 1980--dipping only 2 percent since December 1979. Prices strengthened for both cold- and warm-water lobster tails in July and August.

KING CRAB

Total landings of king crab in the first 6 months of 1980 were 2.9 million pounds (live weight). Until the season starts on September 15, the major source of supply is inventories. Total inventories at the beginning of 1980 were 26 percent above 1979, and wholesale prices were weak in the first quarter. Lower prices stimulated demand and by the end of June, inventories were reduced. Prices in the second quarter increased and were equal to June 1979 levels.

Total inventories on January 1, 1980 were 34 million pounds--26 percent above a year earlier primarily because of the 46-percent increase in holdings of king crab sections (table 9). Inventories of king crab meat have been consistently below 1979 and were 29 percent less on July 1, 1980. King crab holdings normally reach their seasonal peak in the first quarter following the major period in landings (September to December). Holdings of sections peaked at 31.4 million pounds at the end of January--53 percent greater than a year earlier. By the end of June, inventories were drawn down to 7.9 million pounds--13 percent below 1979. Prices of sections were reduced steadily from June 1979 to February 1980, when they were $2.80 per pound (fig. 6). The one-third decline in wholesale prices influenced movement out of inventories, which were lowered substantially. Since then, prices have strengthened and in June equaled the price of a year earlier. The decline in inventories was created by promotion of king crab sections by the food service trade and also retail grocery stores, which normally deal minimally with sections.

Figure 6.--WHOLESALE PRICES OF KING CRAB AT NEW YORK CITY, MONTHLY, 1976-80

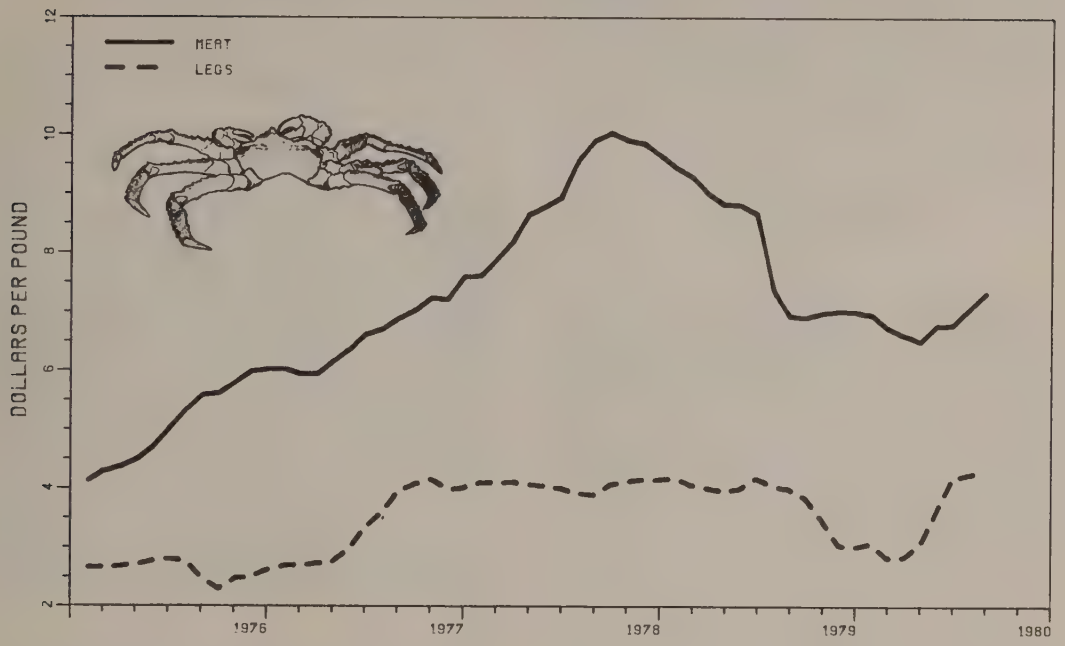


Table 9.--First-of-month cold storage holdings of king crab, by type, January-June, 1978-80

Month	1978	1979	1980
	Million pounds		
Meat			
January	7.0	6.8	4.5
February	4.7	6.7	5.1
March	4.6	5.8	5.9
April	3.6	6.4	5.4
May	3.3	5.3	4.8
June	2.5	5.4	4.3
July	2.1	5.2	3.7
August	2.0	4.6	3.2
Sections			
January	16.7	20.3	29.6
February	19.7	20.5	31.4
March	17.5	19.6	23.1
April	17.0	17.3	15.5
May	17.9	16.0	11.2
June	17.0	11.5	8.7
July	14.2	9.1	7.9
August	12.2	6.7	5.1

The market situation for king crab meat differed slightly from the market for sections. After January 1980 inventories for king crab meat in 1980 were 0.5 to 1.6 million pounds below a year earlier. Inventories increased from 4.5 million pounds at the start of 1980 to a peak on March 1 at 5.9 million pounds. They gradually tapered off to 3.2 million pounds by the first of August (table 9). Wholesale prices of king crab meat at New York City, except for the fourth quarter of 1979, declined continuously until April 1980 after hitting $10 a pound in September 1978 (fig. 6). Prices fell to $6.48 a pound in April 1980--the lowest level in nearly 3 years. Prices rebounded to above $7 by July.

Exports of king crab were the second most important fishery product traded in 1979--far behind salmon exports and just ahead of shrimp. King crab exports, primarily to Japan, take place in the fourth quarter in conjunction with the peak production period. In 1979, 90 percent of the exports were in the fourth quarter. First half exports were very light, and only 4.1 million pounds of king crab were exported in January-June 1980. One-half of the total was shipped to Japan and an additional 25 percent was exported to Canada.

The king crab season in Kodiak started on September 16, and the negotiated exvessel price for the Kodiak area was 96 cents a pound--roughly the same as in 1979. The season began a day earlier in the Bering Sea, where a price of 90 cents a pound was established.

SNOW CRAB

Landings of snow crab in the first half of 1980 were 117.5 million pounds (live weight)--off 7 percent from 1979 (table 10). Landings in Kodiak were 36 percent below 1979, and also below the 1974-78 average. The harvest of snow crab from the Bering Sea increased slightly to 74 million pounds--2 percent greater than a year earlier, and 145 percent above the 1974-78 average. Landings are concentrated in the first half of the year.

Table 10.--Landings of snow crab, January-June, 1974-78 average, 1979, and 1980
(Live weight)

Area	1974-78 average	1979	1980
	Million pounds		
Kodiak	23.2	29.2	18.6
Bering Sea	30.3	72.8	74.4
Other	22.1	25.0	24.5
Total	75.8	127.0	117.5

Total inventories of snow crab at the beginning of 1980 were 38 percent above the previous year. They were higher because of a 72-percent increase of sections. Inventories of snow crab meat were off by one-third at the start of 1980 and remained below 1979 (through August 1). Inventories of snow crab sections were substantially above those of a year earlier for the first 4 months of 1980; by May the gap narrowed. By the first of July the situation was reversed, and inventories of sections were 24 percent below 1979. They dropped even further by August 1 (table 11).

Table 11.--First-of-the-month cold storage holdings of snow crab, January-August, 1979 and 1980
(Product weight)

Month	Meat		Sections	
	1979	1980	1979	1980
	Thousand pounds			
January	2,643	1,704	5,507	9,518
February	2,376	1,554	4,832	7,443
March	2,313	2,238	3,749	7,616
April	2,359	1,707	6,228	11,380
May	2,193	1,691	10,957	11,887
June	2,199	1,599	13,349	12,422
July	2,276	1,797	16,086	12,147
August	2,057	1,640	18,757	6,949

Exports of snow crab during the first 6 months of 1980 amounted to 30.5 million pounds (product weight)--down 18 percent from 1979. Japan, the leading foreign buyer, purchased 99 percent of the total snow crab exports. Total exports represented about 55 percent of landings in the first half of 1980--down from 70 percent in 1979 but up 10 percent from 1978.

Wholesale prices of snow crab meat at New York City weakened through May 1980 from their peak in June 1979. Prices appeared to bottom out at an average of $4.91 a pound in May 1980--off 15 percent from a high of $5.75 in June 1979. Since then, there was a slight increase to $5.02 in June. Prices strengthened further in August as total inventories declined sharply. The price of snow crab sections (clusters) at New York City was lowered 10 cents a pound to $1.80 in mid-April 1980, then another 20 to 25 cents a pound in June. The June 1980 price of $1.57 was 25 percent below a year earlier and 17 percent less than the price in January and February 1980. Exvessel prices at Kodiak during 1980 for the larger snow crab, *Chionoecetes bairdi* were relatively unchanged at 55.5 cents a pound compared to the 53 to 58 cents range received in 1979. Prices for the smaller snow crab, *C. opilio*, ranged from 25 to 28 cents--down substantially from 40 cents in 1979.

SEAFOOD SALES

Food-Service vs. Retail Sale of Fish

U.S. consumption of fishery products has been trending upward. Per capita consumption reached a record 13.6 pounds in 1978, declining slightly to 13.3 pounds in 1979. While the figures are subject to revision, the decline in 1979 of about 2 percent was in line with declines in the general economy, especially the 2-percent decline in the real (inflation adjusted) value of overall sales by the food service trade. The food service trade accounted for an estimated 62 percent of the wholesale value of seafood sales in 1979. Of the estimated consumer expenditures of $12.6 billion on seafoods in 1979, 68 percent was for purchases from the food service trade. However, the food service trade accounts for a lower percentage of consumer expenditures associated with imported products (62.5 percent) than of consumer expenditures associated with domestic products (73.3 percent). Of course, the division of sales between the food service trade and the retail trade varies among fishery products.

The condition of the general economy, including such factors as consumer spending, is quite important to the seafood industry. The adverse effects of rapid inflation on consumer purchasing power and a gasoline shortage are key factors in explaining the 9.1-percent decline in restaurant traffic in the summer of 1979 from a year earlier. While forecasts and opinions differ, if real incomes stabilize by late 1980 or early 1981, consumer spending could strengthen.

Food Service Sales Weak

Real (inflation adjusted) sales by the food service industry are forecast to decline 2.2 percent in 1980. 1/ This follows a 2-percent decline in 1979, and advances in 1978 (about 1 percent) and 1977 (over 2 percent). Some seafood products will be most affected by real sales of restaurants with table service; their sales are expected to decline 5.3 percent in 1980 (to $34.0 billion), after dropping 3 percent in 1979. Other seafood products will be most affected by real sales of restaurants without table service, which include most fast food restaurants; their sales are forecast to decline 2 percent in 1980 (to $26.6 billion) compared to a slight increase in 1979. The growth in sales of restaurants without table service has been declining, although expected growth in 1980 still exceeds the average for all segments of the food service industry.

1/ National Restaurant Association (NRA), Foodservice Trends, Vol. 2, no. 5, June 1980. The NRA has developed a new comprehensive econometric model of the food service industry through Chase Econometric Associates.

Retail Sales of Fish Down

Movements of frozen fish and seafoods from warehouses to retail stores were down 2.2 percent in the first quarter of 1980 compared with a year earlier. Monthly declines from year-earlier levels became progressively deeper through June.

Movements of all frozen foods from warehouses to retail stores were up 0.6 percent in the 12-week period ending April 4, 1980, but movements of frozen fish and seafoods were down 2.2 percent compared with a year earlier. In the four-week period ending June 27, 1980, the third consecutive four-week period with a decline, movements of all frozen foods were down 0.9 percent. However, movements of frozen fish and seafoods were down 11.4 percent, and the monthly declines became deeper through June:

Four-week period ending	Percentage change in movements compared with a year earlier	
	All frozen food	Fish
February 8, 1980	-	- 1.9
March 7, 1980	-	- 2.5
April 4, 1980	+ 1.8	- 3.7
May 2, 1980	- 0.9	- 8.3
May 30, 1980	- 1.0	- 8.5
June 27, 1980	- 0.9	- 11.4

Movements of frozen fish and seafoods from warehouses to retail stores were down 2.2 percent in the first quarter. An informal survey of buyers of retail stores and affiliates, done by Frozen Food Age, provides some explanation. Several factors were cited by respondents in their assessments of retail sales of frozen fish and seafoods during the Lenten

period (February 20 through April 15, 1980), when retail sales are normally seasonally high. 2/

1. The extra week of Lenten promotion in 1980 did not appear sufficient to help retailers boost sales from the 1979 Lenten period, one of the best in recent years.

2. Consumer resistance to increased prices affected sales.

3. Consumer price resistance and abundant supplies should have brought price down, but because of rising processor costs, promotion allowances were used in place of base price cuts.

For the most part, indexes of wholesale and exvessel prices of fish were lower in June 1980 than a year earlier, while the retail price index was up.

Table 12.--Selected indexes of prices of fish and fishery products, and other products

	June 1979	June 1980	Percentage change
Exvessel (1967=100)			
All fish	464.1	384.5	- 17.2
Edible fish	472.1	389.9	- 17.4
New England finfish	339.9	318.2	- 6.4
Edible shellfish	477.7	370.0	- 22.5
Wholesale (1967=100)			
All fish	393.0	354.9	- 9.7
Fresh and frozen	440.6	371.7	- 15.6
Unprocessed finfish	463.0	382.2	- 17.5
Fresh processed	443.6	339.4	- 23.5
Frozen processed	431.7	381.0	- 11.7
Canned	271.7	341.5	+ 25.7
Retail prices (1977=100)			
Fish	128.9	138.3	+ 7.3
Meat	150.6	140.5	- 6.7
Poultry	123.0	119.7	- 2.7

Sources: Exvessel, NMFS; wholesale, Bureau of Labor Statistics; retail, Operation Price Watch, NMFS.

Note: Exvessel price indexes are preliminary.

2/ Information on the survey, and movement data are from Frozen Food Age, January-September, 1980. The survey was conducted in the post-Lenten period. The movement data are for 39 market areas followed by SAMI (Sales Area Marketing, Inc., a Time subsidiary).

STATISTICAL APPENDIX

TABLE A 1.--SHRIMP LANDINGS BY AREA, MONTHLY, 1978-80
(HEADS-OFF WEIGHT)

MONTH	NEW ENGLAND	SOUTH ATLANTIC	GULF	PACIFIC	TOTAL
	MILLION POUNDS				
1978					
JANUARY	-	0.5	6.3	4.3	11.0
FEBRUARY	-	0.1	4.1	1.6	5.8
MARCH	-	0.1	4.6	0.9	5.6
1ST QTR	-	0.7	15.0	6.7	22.4
APRIL	-	0.1	5.3	7.9	13.3
MAY	-	0.1	16.6	9.6	26.4
JUNE	-	0.4	25.2	17.1	42.7
2ND QTR	-	0.6	47.2	34.6	82.4
JULY	(1)	1.8	20.1	19.8	41.8
AUGUST	-	2.0	17.4	14.5	33.9
SEPTEMBER	-	1.9	14.7	7.7	24.4
3RD QTR	(1)	5.7	52.2	42.1	100.0
OCTOBER	-	2.0	16.5	2.6	21.1
NOVEMBER	(1)	1.4	20.0	2.3	23.7
DECEMBER	(1)	0.8	5.4	0.7	6.9
4TH QTR	(1)	4.2	41.9	5.6	51.7
YEAR	(1)	11.2	156.2	89.0	256.5
1979					
JANUARY	-	0.5	4.8	0.9	6.2
FEBRUARY	0.2	0.2	4.5	0.6	5.5
MARCH	0.3	0.1	4.1	1.0	5.5
1ST QTR	0.5	0.8	13.4	2.5	17.2
APRIL	(1)	0.3	4.4	6.1	10.8
MAY	(1)	0.7	14.7	5.8	21.2
JUNE	-	1.1	21.2	12.7	35.1
2ND QTR	(1)	2.1	40.3	24.5	67.0
JULY	-	3.0	12.9	11.8	27.7
AUGUST	-	3.1	15.3	7.4	25.7
SEPTEMBER	-	3.3	8.4	3.6	15.3
3RD QTR	-	9.3	36.6	22.8	68.7
OCTOBER	-	3.6	15.0	2.9	21.5
NOVEMBER	-	2.3	13.0	1.4	16.7
DECEMBER	-	1.8	8.2	0.9	10.9
4TH QTR	-	7.7	36.2	5.2	49.1
YEAR	0.6	20.0	126.4	55.0	202.0
1980					
JANUARY	-	0.9	4.4	0.9	6.2
FEBRUARY	0.1	0.5	2.7	0.9	4.2
MARCH	0.1	0.4	2.8	0.9	4.1
1ST QTR	0.2	1.8	9.8	2.7	14.4
APRIL	0.1	0.2	2.4	3.3	6.0
MAY	0.1	0.8	8.6	4.5	14.1
JUNE	(1)	1.7	18.1	5.4	25.3
2ND QTR	0.2	2.8	29.1	13.2	45.3
JULY		4.0	13.9		
AUGUST					
SEPTEMBER					
3RD QTR					
OCTOBER					
NOVEMBER					
DECEMBER					
4TH QTR					
YEAR					

(1) LESS THAN 50,000 POUNDS.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A2 .--Shrimp landings by area, annual 1960-79
(Heads-off weight)

Year	New England	South Atlantic	Gulf	Pacific	Total
			Million pounds		
1960	0.1	18.6	122.5	7.1	148.5
1961	1/	11.6	79.5	11.9	103.9
1962	.2	16.5	89.3	13.1	119.2
1963	.3	9.8	128.4	12.1	150.7
1964	.5	11.0	113.3	8.3	133.1
1965	1.2	16.7	122.9	11.5	152.3
1966	2.2	13.6	112.8	19.6	148.3
1967	4.0	13.1	141.4	31.0	190.0
1968	8.3	15.6	128.2	32.2	184.1
1969	16.1	17.4	126.5	35.6	195.0
1970	13.4	13.1	145.3	52.9	224.3
1971	14.0	19.7	143.1	61.4	238.1
1972	13.8	16.2	143.9	62.0	235.9
1973	11.8	15.8	114.8	87.0	229.4
1974	9.9	17.2	117.1	80.2	224.4
1975	6.7	15.8	107.1	78.1	207.6
1976	1.3	16.5	132.2	94.1	244.1
1977	.5	18.0	159.5	109.3	287.4
1978	4.1	12.2	151.3	87.8	255.4
1979	.6	19.8	131.8	54.7	206.9

1/ Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.

Table A3 -- Production of shrimp by product type, annual, 1960-79
(Product weight)

Year	Fresh and frozen						Canned		Cured
	Raw headless	Peeled and deveined: Raw	Peeled and deveined: Cooked	Breaded raw and cooked	Cooked whole	Specialties	Regular	Specialties	
	Million pounds								
1960	78.1	19.3	2.9	70.3	na	5.8	14.3	0.2	0.7
1961	46.4	17.2	2.6	73.8	na	5.7	9.3	.3	.4
1962	51.2	18.1	3.1	76.8	na	5.5	13.2	.3	.4
1963	66.4	22.2	2.3	76.2	na	5.1	15.9	.4	.5
1964	64.5	23.1	3.6	91.3	na	7.8	9.7	.6	.2
1965	64.4	23.5	4.1	98.1	na	9.7	15.6	.6	.3
1966	62.2	24.7	5.4	104.9	na	9.7	14.2	.8	.3
1967	101.1	32.2	7.1	94.2	na	12.1	16.9	1.0	.4
1968	79.2	32.7	13.3	103.0	na	17.3	19.0	1.2	.6
1969	85.3	33.3	16.2	105.6	10.1	18.9	20.7	1.1	.7
1970	92.3	38.4	20.1	105.0	7.7	17.4	25.1	.9	.8
1971	94.1	34.3	20.7	104.6	8.7	16.6	22.3	.8	.7
1972	90.9	30.0	22.7	107.4	7.3 1/	12.9	23.8	2.8	.6
1973	87.2 2/	24.3	25.4	111.9	3.7	13.9	25.2	2.8	.3
1974	81.3 2/	22.6	17.2	91.8	2.0	12.5	22.1	2.1	.5
1975	69.9 2/	22.1	14.4	97.7	.9	11.8	12.4	2.3	.6
1976	102.9 2/	33.2	18.9	95.9	-	10.3	20.0	.2	.4
1977	111.8 2/	35.6	23.3	97.5 3/	-	10.0	24.5	2.2	.5
1978	110.8 2/	39.2	41.3	110.9 3/	-	7.6	16.8	1.5	.5
1979	90.2 2/	46.1	23.9	99.0 3/	.1	7.0	10.4	1.2	.3

1/ Includes sections, cooked.
2/ Includes heads-on, fresh and frozen.
3/ Includes batter-coated, cooked.
na - Not available.
Note: Data do not include raw headless shrimp domestically landed or imported that enter marketing channels directly without further processing.

Table A4 --South Atlantic and Gulf shrimp landings by states, annual, 1960-79
(Heads-off weight)

Year	North Carolina	South Carolina	Georgia	Florida E. Coast	Florida W. Coast	Alabama	Miss.	La.	Texas	Total
	Million pounds									
1960	3.6	4.8	6.2	4.0	26.5	4.3	6.6	36.8	48.4	141.0
1961	1.8	2.3	4.1	3.6	21.5	2.1	2.6	18.5	35.0	91.4
1962	3.6	4.1	5.5	3.3	20.1	2.3	3.8	27.8	35.2	105.8
1963	2.1	1.4	3.5	2.9	21.9	4.9	5.9	51.7	44.1	138.3
1964	2.7	1.7	3.8	2.9	25.0	4.6	4.0	38.1	41.6	124.3
1965	3.4	4.3	5.5	3.5	23.6	6.0	5.2	39.8	48.3	139.6
1966	3.6	2.7	4.1	3.2	18.1	6.6	4.7	39.6	43.8	126.3
1967	3.1	2.6	4.3	3.2	14.7	9.0	6.0	47.5	64.2	154.5
1968	2.9	4.1	5.5	3.1	17.1	9.6	6.3	42.8	52.3	143.8
1969	4.9	3.7	5.5	3.3	14.4	9.4	5.6	52.7	44.4	143.9
1970	3.2	3.2	3.9	3.0	16.6	9.4	6.0	57.8	55.4	158.5
1971	4.8	6.9	5.7	2.2	13.6	10.5	5.9	58.7	54.4	162.8
1972	3.5	5.2	4.7	2.8	14.3	11.0	4.9	52.7	61.1	160.0
1973	3.2	5.3	5.3	2.0	16.3	7.5	2.3	37.3	51.5	130.6
1974	5.3	4.5	4.7	2.5	17.6	8.7	3.3	37.9	49.4	134.3
1975	3.2	5.5	5.2	1.8	17.6	8.8	2.5	33.9	44.3	122.9
1976	4.1	5.4	5.0	1.9	16.7	11.7	4.7	52.2	46.9	148.7
1977	3.5	2.5	2.9	2.2	20.6	15.6	6.6	66.0	57.4	177.5
1978	1.8	3.1	3.6	2.5	18.0	13.1	5.2	65.9	52.5	165.7
1979	3.1	4.9	5.9	5.9	17.1	13.4	5.4	48.8	41.2	145.7

Note: Figures may not add to total because of rounding.

Table A5 --Northern shrimp landings by state, annual, 1960-79
(Heads-off weight)

Year	Pacific					New England			Grand total
	Alaska	Washington	Oregon	California	Total	Maine	Mass.	Total	
	Million pounds								
1960	4.2	1.0	0.7	1.1	7.1	0.1	1/	0.1	7.2
1961	9.1	.8	.8	1.1	11.9	1/	1/	1/	11.9
1962	9.7	.8	1.6	1.0	13.1	.2	1/	.2	13.3
1963	8.6	.6	1.7	1.2	12.1	.3	1/	.3	12.4
1964	4.4	.2	3.0	.6	8.3	.5	1/	.5	8.8
1965	9.6	1/	1.0	.8	11.5	1.2	1/	1.2	12.7
1966	16.1	.2	2.7	.7	19.6	2.2	1/	2.2	21.8
1967	23.8	.6	5.8	.8	31.0	3.9	1/	4.0	35.0
1968	24.0	.7	6.2	1.3	32.2	8.2	.1	8.3	40.5
1969	27.3	.8	5.9	1.7	35.6	13.8	2.2	16.0	51.6
1970	42.3	.5	7.7	2.3	52.9	9.7	3.6	13.3	66.2
1971	54.1	.4	5.2	1.8	61.4	10.5	3.4	13.9	75.3
1972	47.8	1.0	11.8	1.4	62.0	9.4	4.4	13.8	77.8
1973	68.4	3.1	14.0	1.6	87.0	6.9	4.9	11.8	98.8
1974	62.0	5.3	11.4	1.5	80.2	5.6	4.4	9.9	90.1
1975	56.0	5.5	13.7	2.8	78.1	4.0	2.6	6.7	84.7
1976	73.5	4.8	14.4	1.4	94.1	.8	.5	1.3	95.4
1977	66.6	6.4	27.7	8.6	109.3	.2	.3	.5	109.8
1978	42.4	5.7	32.5	7.5	88.0	-	.4	4.0	92.0
1979	29.0	6.6	15.9	2.7	54.2	.4	.7	1.0	55.2

1/ Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.

TABLE A 6.--U.S. IMPORTS OF SHRIMP BY PRODUCT TYPE, MONTHLY, 1978-80
(PRODUCT WEIGHT)

MONTH	RAW HEADLESS	RAW PEELED	CANNED	OTHER	TOTAL	TOTAL HEADS-OFF WEIGHT
	MILLION POUNDS					
1978						
JANUARY	8.0	7.1	0.2	1.0	16.2	19.7
FEBRUARY	7.2	7.9	0.1	1.5	16.7	21.1
MARCH	6.5	11.7	0.3	1.1	19.6	24.5
1ST QTR	21.7	26.7	0.6	3.6	52.5	65.3
APRIL	6.4	6.5	0.1	1.0	13.9	17.2
MAY	7.7	7.5	0.3	0.8	16.2	19.7
JUNE	6.8	7.7	0.2	0.9	15.6	19.2
2ND QTR	20.8	21.6	0.6	2.7	45.7	56.1
JULY	7.9	7.0	0.5	1.1	16.5	20.4
AUGUST	5.7	5.2	0.4	0.6	11.9	14.5
SEPTEMBER	8.5	6.5	0.2	0.9	16.0	19.3
3RD QTR	22.1	18.7	1.0	2.6	44.4	54.2
OCTOBER	13.7	6.0	0.2	0.8	20.8	23.8
NOVEMBER	13.2	5.3	0.2	0.7	19.5	22.0
DECEMBER	9.8	4.8	(1)	0.7	15.4	17.7
4TH QTR	36.7	16.2	0.5	2.2	55.6	63.5
YEAR	165.9	150.1	5.0	20.0	340.8	414.6
1979						
JANUARY	7.8	4.6	0.1	0.4	13.0	15.0
FEBRUARY	7.9	4.8	0.2	0.6	13.5	15.9
MARCH	7.4	5.5	0.4	0.6	13.8	16.5
1ST QTR	23.1	14.9	0.7	1.6	40.3	47.3
APRIL	8.6	8.7	0.3	0.6	18.1	21.7
MAY	9.7	8.1	0.1	0.7	18.7	22.0
JUNE	11.5	10.2	0.5	1.2	23.4	28.5
2ND QTR	29.8	26.9	0.9	2.6	60.2	72.2
JULY	9.4	8.3	0.3	1.1	19.1	23.0
AUGUST	8.1	9.8	0.4	1.4	19.7	24.7
SEPTEMBER	9.3	8.9	0.6	1.5	20.3	25.6
3RD QTR	26.8	27.0	1.3	4.0	59.1	73.3
OCTOBER	15.7	6.7	0.4	0.9	23.7	27.2
NOVEMBER	15.7	6.1	0.6	1.0	23.5	27.2
DECEMBER	12.3	4.4	0.4	0.5	17.6	20.0
4TH QTR	43.7	17.2	1.4	2.5	64.8	74.3
YEAR	203.2	154.9	7.2	18.9	384.2	459.9
1980						
JANUARY	10.0	5.8	0.4	0.7	16.9	20.0
FEBRUARY	9.6	5.4	0.6	0.5	16.0	18.8
MARCH	9.2	5.1	0.6	0.8	15.7	18.9
1ST QTR	28.7	16.3	1.6	2.0	48.6	57.6
APRIL	8.2	4.1	0.5	0.5	13.4	15.7
MAY	9.6	4.6	0.3	0.5	15.0	17.4
JUNE	9.1	5.3	0.2	0.9	15.4	18.2
2ND QTR	26.9	14.0	1.1	1.8	43.8	51.3
JULY	9.9	5.2	0.2	0.8	16.1	18.9
AUGUST						
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

(1) LESS THAN 50,000 POUNDS.

Table A7.--U.S. imports of shrimp by country of origin, January-June and January-December, 1978-80

(Product weight)

Country	1978		1979		1980
	Jan.-June	Jan.-Dec.	Jan.-June	Jan.-Dec.	Jan.-June
	Million pounds				
North America					
Mexico	29.6	72.5	28.2	71.9	28.0
Panama	3.3	9.2	5.2	12.2	5.1
Nicaragua	3.1	5.6	3.5	5.4	2.9
El Salvador	1.9	5.0	2.5	6.3	2.8
Guatemala	1.5	4.2	1.4	3.6	1.6
Honduras	1.0	3.5	.3	3.1	.8
Other	2.2	4.2	1.8	4.6	3.2
Total	42.6	104.2	42.9	107.1	44.4
South America					
Ecuador	5.5	10.9	6.0	13.7	9.1
Brazil	1.9	3.9	4.7	9.7	4.7
Venezuela	1.0	1.3	1.4	2.3	3.4
Guyana	1.7	3.4	1.6	3.7	2.5
French Guiana	.7	1.7	1.8	3.6	1.9
Colombia	2.3	4.2	2.0	4.1	1.6
Other	1.6	2.8	1.0	2.7	.9
Total	14.7	28.2	18.5	39.8	24.1
Europe					
Total	.3	.7	.7	1.9	1.6
Asia					
India	26.8	39.2	17.7	30.8	5.3
Thailand	1.7	3.9	3.9	10.6	5.3
Indonesia	2.0	3.8	2.8	5.5	3.0
Pakistan	.6	.8	.5	1.0	1.7
Taiwan	1.5	3.2	2.8	7.9	1.3
Sri Lanka	.7	1.1	.4	1.3	1.1
Hong Kong	2.1	3.6	3.2	5.3	.6
Other	4.6	7.9	6.3	10.8	2.7
Total	40.0	63.5	37.6	73.2	21.0
Australia & Oceania					
Total	.2	.2	.2	1.2	.8
Africa					
Total	.4	1.3	.6	1.4	.6
Grand total	98.2	198.2	100.6	224.5	92.5

Note: Figures may not add to total because of rounding.

Table A8 --U.S. imports of shrimp by product type, annual, 1960-79
(Product weight)

Year	Raw headless	Raw peeled	Canned	Other	Total	Total heads-off weight
	Million pounds					
1960	93.0	18.1	1/	2.3	113.4	119.1
1961	101.3	20.3	1/	4.7	126.3	134.6
1962	108.6	24.7	1/	7.9	141.2	152.5
1963	111.7	29.5	4.1	6.2	151.5	167.3
1964	112.1	27.4	3.0	12.0	154.6	169.5
1965	114.2	32.0	2.2	14.6	162.9	179.0
1966	129.9	37.2	1.5	9.8	178.5	194.9
1967	131.9	39.0	2.2	13.0	186.1	202.1
1968	128.0	47.5	4.3	9.7	189.5	210.1
1969	121.3	63.8	3.6	5.1	193.7	218.7
1970	140.0	69.5	3.9	5.4	218.7	245.7
1971	123.9	60.1	2.7	4.5	191.3	213.9
1972	126.8	90.1	1.1	5.2	223.2	253.1
1973	123.3	71.4	3.0	4.9	202.6	229.3
1974	132.0	83.2	6.1	7.7	228.9	267.5
1975	117.2	76.7	1.1	6.4	201.5	231.0
1976	129.7	86.4	2.3	11.3	229.8	270.7
1977	125.8	87.8	2.8	11.6	228.0	270.4
1979	101.3	83.1	2.7	11.1	198.2	239.0
1979	123.4	86.1	4.3	10.7	224.5	267.1

1/ Included with other
Note: Figures may not add to total because of rounding.

Table A9 .--U.S. exports of shrimp by product type, annual, 1960-79
(Product weight)

	Domestic			Foreign			Grand total
	Fresh & frozen	Canned	Total	Fresh & frozen	Canned	Total	
	Million pounds						
1960	3.0	3.5	6.6	0.8	1/	0.8	7.4
1961	4.8	2.5	7.4	4.7	1/	5.1	12.5
1962	3.5	2.2	5.4	2.0	1/	2.1	7.9
1963	8.1	3.2	11.4	5.7	1/	5.8	17.1
1964	7.9	3.7	11.7	7.3	1/	7.3	19.0
1965	6.8	4.5	11.3	8.0	1/	8.0	19.4
1966	4.9	4.5	9.4	11.4	1/	11.4	20.8
1967	8.1	5.3	13.4	15.9	1/	15.9	29.3
1968	12.1	4.5	16.6	8.3	1/	8.3	24.9
1969	25.2	5.7	30.9	10.5	1/	10.6	41.5
1970	29.6	6.1	35.6	14.7	1/	14.7	50.4
1971	30.0	8.3	38.3	10.5	1/	10.5	48.8
1972	29.0	8.4	37.4	6.1	1/	6.1	43.5
1973	37.4	9.9	47.4	10.2	1/	10.3	57.6
1974	27.7	6.9	34.6	6.4	1/	6.4	41.0
1975	28.1	6.2	34.3	6.6	1/	6.6	40.9
1976	23.3	7.8	31.1	9.1	1/	9.2	40.3
1977	26.1	9.0	35.1	8.7	1/	8.7	43.8
1978	34.8	5.9	40.7	13.3	1/	13.3	54.0
1979	23.9	5.4	34.3	5.8	1/	5.8	40.1

1/ Less than 51,000 pounds.
Note: For 1960-79, total includes small amounts of cured and dried shrimp products. Figures may not add to total because of rounding.

TABLE A10.--FIRST-OF-THE-MONTH COLD STORAGE HOLDINGS OF SHRIMP, MONTHLY, 1978-80

(PRODUCT WEIGHT)

MONTH	RAW HEADLESS	BREADED	PEELED	UNCLASSIFIED	TOTAL	TOTAL HEADS-OFF WEIGHT
	MILLION POUNDS					
1978						
JANUARY	50.3	7.1	18.3	18.5	94.2	80.1
FEBRUARY	48.9	7.3	18.9	17.3	92.4	79.4
MARCH	40.2	5.9	16.1	15.3	77.5	66.1
APRIL	34.4	5.9	15.6	14.8	70.7	59.6
MAY	29.6	5.8	16.9	13.9	66.3	56.3
JUNE	25.3	5.8	15.7	11.9	58.7	50.2
JULY	24.9	5.6	17.3	10.8	58.7	51.7
AUGUST	26.4	5.6	18.5	9.9	60.5	54.6
SEPTEMBER	23.5	5.3	18.7	11.6	59.1	51.9
OCTOBER	25.3	5.1	16.4	12.1	58.9	50.8
NOVEMBER	27.3	5.9	16.0	12.1	61.2	52.6
DECEMBER	32.6	6.2	16.1	13.3	68.2	58.5
1979						
JANUARY	32.8	6.8	14.1	11.1	64.8	56.2
FEBRUARY	28.8	7.6	13.6	9.1	59.1	52.0
MARCH	23.9	7.3	12.4	7.9	51.4	45.1
APRIL	16.7	7.0	12.4	7.2	43.4	37.8
MAY	13.6	6.2	11.1	7.3	38.2	32.4
JUNE	11.9	6.1	10.0	6.7	34.7	29.2
JULY	17.3	6.4	12.0	7.0	42.7	37.4
AUGUST	23.2	6.1	14.5	9.2	53.1	46.6
SEPTEMBER	21.0	5.4	19.8	10.3	56.7	50.9
OCTOBER	25.4	5.5	18.4	10.4	59.7	53.4
NOVEMBER	34.1	6.6	20.2	12.1	73.0	65.3
DECEMBER	44.1	7.1	19.5	12.6	83.3	74.8
1980						
JANUARY	46.9	6.8	20.1	13.6	87.4	78.3
FEBRUARY	44.3	6.4	19.9	12.1	82.7	75.0
MARCH	41.2	6.2	18.9	12.3	78.6	70.5
APRIL	34.8	5.8	17.2	11.0	68.9	61.7
MAY	34.2	5.4	16.1	11.2	66.8	59.2
JUNE	25.7	4.9	13.5	9.9	54.0	47.1
JULY	17.7	4.9	13.9	11.8	48.3	39.8
AUGUST	19.3	5.6	15.6	12.2	52.7	44.0
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						

TABLE A11.--SUPPLY AND USE OF ALL SHRIMP, MONTHLY, 1978-80
(HEADS-OFF WEIGHT)

MONTH	SUPPLY				USE				
	BEGINNING STOCKS	LANDINGS	IMPORTS	TOTAL	ENDING STOCKS	EXPORTS: FRESH AND FROZEN	EXPORTS: CANNED	EXPORTS: FOREIGN SHRIMP	APPARENT CONSUMPTION
	MILLION POUNDS								
1978									
JANUARY	80.1	11.0	19.7	110.8	79.4	2.9	1.4	0.8	26.3
FEBRUARY	79.4	5.8	21.1	106.2	66.1	4.0	0.9	1.8	33.4
MARCH	66.1	5.6	24.5	96.2	59.6	3.5	0.8	2.6	29.6
1ST QTR	80.1	22.4	65.3	167.8	59.6	10.5	3.1	5.2	89.3
APRIL	59.6	13.3	17.2	90.1	56.3	3.4	0.5	1.5	28.3
MAY	56.3	26.4	19.7	102.4	50.2	3.3	0.8	0.7	47.2
JUNE	50.2	42.7	19.2	112.2	51.7	3.1	1.2	0.7	55.5
2ND QTR	59.6	82.4	56.1	198.1	51.7	9.9	2.6	2.9	131.0
JULY	51.7	41.8	20.4	113.9	54.6	3.1	1.7	0.9	53.5
AUGUST	54.6	33.9	14.5	103.0	51.9	3.2	0.8	0.5	46.6
SEPTEMBER	51.9	24.4	19.3	95.6	50.8	3.5	1.0	0.4	39.8
3RD QTR	51.7	100.0	54.2	205.9	50.8	9.8	3.5	1.9	139.9
OCTOBER	50.8	21.1	23.8	95.7	52.6	3.5	1.0	1.0	37.6
NOVEMBER	52.6	23.7	22.0	98.3	58.5	4.1	1.0	1.5	33.2
DECEMBER	58.5	6.9	17.7	83.1	56.2	3.3	0.9	0.8	21.9
4TH QTR	50.8	51.7	63.5	166.0	56.2	10.9	2.9	3.3	92.7
YEAR	80.1	256.5	139.0	575.6	56.2	41.1	12.1	13.3	452.9
1979									
JANUARY	56.2	6.2	15.0	77.4	52.0	3.4	0.7	0.6	20.7
FEBRUARY	52.0	5.5	15.9	73.3	45.1	3.3	0.7	0.7	23.6
MARCH	45.1	5.5	16.5	67.0	37.8	3.0	0.9	0.4	25.0
1ST QTR	56.2	17.2	47.3	120.7	37.8	9.6	2.3	1.7	69.3
APRIL	37.8	10.8	21.7	70.3	32.4	3.2	0.4	0.7	33.6
MAY	32.4	21.2	22.0	75.6	29.2	2.9	0.5	0.4	42.7
JUNE	29.2	35.1	28.5	92.7	37.4	2.6	1.3	0.3	51.0
2ND QTR	37.8	67.0	72.2	177.0	37.4	8.7	2.2	1.4	127.3
JULY	37.4	27.7	23.0	88.2	46.6	2.5	1.3	0.3	37.5
AUGUST	46.6	25.7	24.7	97.0	50.9	2.6	1.1	0.4	42.1
SEPTEMBER	50.9	15.3	25.6	91.7	53.4	2.6	1.3	0.6	33.9
3RD QTR	37.4	68.7	73.3	179.4	53.4	7.6	3.6	1.3	113.4
OCTOBER	53.4	21.5	27.2	102.1	65.3	3.3	0.6	0.4	32.5
NOVEMBER	65.3	16.7	27.2	109.1	74.8	2.9	1.5	0.6	29.4
DECEMBER	74.8	10.9	20.0	105.6	78.3	2.1	0.7	0.5	24.1
4TH QTR	53.4	49.1	74.3	176.8	78.3	8.3	2.9	1.5	86.0
YEAR	56.2	202.0	267.1	525.3	78.3	34.1	11.0	5.8	396.0
1980									
JANUARY	78.3	6.2	20.0	104.4	75.0	1.6	0.5	0.5	26.8
FEBRUARY	75.0	4.2	18.8	98.0	70.5	1.9	0.3	0.6	24.7
MARCH	70.5	4.1	18.9	93.4	61.7	1.5	0.3	0.9	29.1
1ST QTR	78.3	14.4	57.6	150.3	61.7	4.9	1.1	2.1	80.5
APRIL	61.7	6.0	15.7	83.4	59.2	1.2	0.2	0.8	22.0
MAY	59.2	14.1	17.4	90.7	47.1	1.5	0.5	0.9	40.7
JUNE	47.1	25.3	18.2	90.6	39.8	2.3	2.2	1.0	45.3
2ND QTR	61.7	45.3	51.3	158.3	39.8	5.0	2.9	2.7	107.9
JULY	39.8		18.9		44.0	1.5	1.9	0.4	
AUGUST	44.0								
SEPTEMBER									
3RD QTR									
OCTOBER									
NOVEMBER									
DECEMBER									
4TH QTR									
YEAR									

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

TABLE A12.--SUPPLY AND USE OF FRESH AND FROZEN SHRIMP, MONTHLY, 1978-80
(HEADS-OFF WEIGHT)

MONTH	SUPPLY				USE				
	BEGINNING STOCKS	LANDINGS	IMPORTS	TOTAL	ENDING STOCKS	EXPORTS		CANNED PACK (1)	APPARENT CONSUMPTION
						FRESH AND FROZEN	FOREIGN SHRIMP		
	MILLION POUNDS								
1978									
JANUARY	80.1	6.7	19.2	106.0	79.4	2.9	0.8	0.5	22.4
FEBRUARY	79.4	4.2	20.9	104.5	66.1	4.0	1.8	0.1	32.5
MARCH	66.1	4.8	24.0	94.8	59.6	3.5	2.6	-	29.0
1ST QTR	80.1	15.7	64.1	159.8	59.6	10.5	5.2	0.5	84.0
APRIL	59.6	5.4	17.0	82.0	56.3	3.4	1.5	-	20.8
MAY	56.3	16.7	19.2	92.2	50.2	3.3	0.7	4.5	33.4
JUNE	50.2	25.6	18.8	94.7	51.7	3.1	0.7	8.0	31.1
2ND QTR	59.6	47.8	54.9	162.3	51.7	9.9	2.9	12.5	85.3
JULY	51.7	21.9	19.4	93.1	54.6	3.1	0.9	1.7	32.7
AUGUST	54.6	19.4	13.8	87.8	51.9	3.2	0.5	0.4	31.8
SEPTEMBER	51.9	16.6	18.9	87.4	50.8	3.5	0.4	0.1	32.6
3RD QTR	51.7	57.9	52.1	161.7	50.8	9.8	1.9	2.1	97.1
OCTOBER	50.8	18.5	23.3	92.6	52.6	3.5	1.0	1.2	34.3
NOVEMBER	52.6	21.4	21.5	95.6	58.5	4.1	1.5	2.1	29.4
DECEMBER	58.5	6.1	17.7	82.3	56.2	3.3	0.8	1.9	20.1
4TH QTR	50.8	46.1	62.5	159.3	56.2	10.9	3.3	5.2	83.8
YEAR	80.1	167.5	233.5	481.1	56.2	41.1	13.3	20.3	350.2
1979									
JANUARY	56.2	5.3	14.7	76.2	52.0	3.4	0.6	(2)	20.2
FEBRUARY	52.0	4.7	15.4	72.1	45.1	3.3	0.7	-	23.1
MARCH	45.1	4.2	15.7	65.0	37.8	3.0	0.4	-	23.8
1ST QTR	56.2	14.1	45.8	116.2	37.8	9.6	1.7	(2)	67.1
APRIL	37.8	4.7	21.1	63.6	32.4	3.2	0.7	-	27.3
MAY	32.4	15.4	21.8	69.6	29.2	3.9	0.4	2.7	34.5
JUNE	29.2	22.4	27.5	79.0	37.4	2.6	0.3	3.5	35.2
2ND QTR	37.8	42.4	70.4	150.6	37.4	8.7	1.4	6.2	96.9
JULY	37.4	15.9	22.5	75.8	46.6	2.5	0.3	0.9	25.5
AUGUST	46.6	18.3	24.0	88.9	50.9	2.6	0.4	0.8	34.2
SEPTEMBER	50.9	11.7	24.3	86.9	53.4	2.6	0.6	0.2	30.1
3RD QTR	37.4	45.9	70.8	154.1	53.4	7.6	1.3	1.9	89.9
OCTOBER	53.4	18.6	26.4	98.5	65.3	3.3	0.4	1.2	28.3
NOVEMBER	65.3	15.3	26.0	106.5	74.8	2.9	0.6	2.1	26.2
DECEMBER	74.8	10.0	19.1	103.9	78.3	2.1	0.5	0.8	22.2
4TH QTR	53.4	43.9	71.5	168.8	78.3	8.3	1.5	4.1	76.7
YEAR	56.2	146.4	258.4	461.1	78.3	34.1	5.8	12.2	330.7
1980									
JANUARY	78.3	5.3	19.1	102.6	75.0	1.6	0.5	0.1	25.4
FEBRUARY	75.0	3.2	17.6	95.8	70.5	1.9	0.6	(2)	22.8
MARCH	70.5	3.1	17.6	91.2	61.7	1.5	0.9	-	27.2
1ST QTR	78.3	11.6	54.3	144.2	61.7	4.9	2.1	0.1	75.4
APRIL	61.7	2.6	14.6	78.9	59.2	1.2	0.8	-	17.7
MAY	59.2	9.4	16.7	85.4	47.1	1.5	0.9	2.4	33.4
JUNE	47.1	19.8	17.8	84.8	39.8	2.3	1.0	7.4	34.3
2ND QTR	61.7	31.9	49.1	142.7	39.8	5.0	2.7	9.8	85.4
JULY	39.8	17.9	18.5	76.3	44.0	1.5	0.4	2.4	27.9
AUGUST	44.0							1.4	
SEPTEMBER									
3RD QTR									
OCTOBER									
NOVEMBER									
DECEMBER									
4TH QTR									
YEAR									

(1) GULF STATES ONLY.
(2) LESS THAN 50,000 POUNDS.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A13.--Supply and utilization of all shrimp annual, 1960-79
(Heads-off weight)

Year	Supply				Utilization					
	Beginning stocks	Landings	Imports	Total	Ending stocks	Exports: Fresh & frozen	Exports: Canned	Exports: Foreign shrimp	Apparent consumption: Total	Apparent consumption: Per capita
	Million pounds									Pounds
1960	46.0	148.5	119.1	313.6	51.0	3.0	7.2	0.8	251.6	1.398
1961	51.0	103.9	134.6	289.5	26.2	4.8	5.1	4.7	248.3	1.357
1962	26.2	119.2	152.5	297.9	27.9	3.5	4.4	2.0	250.0	1.346
1963	37.9	150.7	167.3	355.9	55.8	8.1	6.6	5.7	279.6	1.483
1964	55.8	133.1	169.5	354.4	45.5	7.9	7.6	7.3	290.1	1.518
1965	45.5	152.3	179.0	376.8	38.2	6.8	9.2	6.0	316.6	1.636
1966	38.2	148.2	194.9	381.4	42.5	4.9	9.2	11.4	313.4	1.602
1967	42.5	190.0	202.1	434.6	57.5	8.1	10.9	15.9	342.1	1.732
1968	57.6	184.1	210.1	451.8	55.8	12.1	9.2	8.3	366.4	1.838
1969	55.8	195.0	218.7	469.5	62.5	25.2	11.7	10.5	359.5	1.785
1970	62.5	224.3	245.7	532.5	72.2	29.6	12.5	14.7	403.5	1.980
1971	72.2	238.1	213.9	523.2	69.9	30.0	17.0	10.5	396.8	1.924
1972	69.9	235.9	253.1	559.0	92.7	29.0	17.1	6.1	414.1	1.989
1973	92.7	229.4	229.3	551.4	79.0	37.4	20.1	10.2	404.7	1.924
1974	79.0	224.4	267.5	570.9	76.2	27.7	13.9	6.4	446.7	2.113
1975	76.2	207.6	231.0	514.8	47.4	28.1	12.5	6.6	420.2	1.972
1976	47.4	243.0	270.7	561.1	61.0	23.3	15.7	9.1	452.0	2.106
1977	61.0	287.4	270.4	618.8	80.2	26.1	18.1	8.7	485.7	2.244
1978	80.2	255.4	239.0	574.6	58.2	39.2	10.0	11.2	455.7	2.088
1979	56.2	206.9	267.1	530.2	77.5	28.8	11.0	5.9	407.2	1.850

Note: Figures may not add to total because of rounding.

Table A14--Supply and utilization of fresh and frozen shrimp, annual, 1960-79
(Heads-off weight)

Year	Supply				Utilization					
	Beginning stocks	Landings	Imports	Total	Ending stocks	Exports: Fresh & frozen	Exports: Foreign shrimp	Canned pack	Apparent consumption: Total	Apparent consumption: Per capita
	Million pounds									Pounds
1960	46.0	148.5	119.1	313.6	51.0	3.0	0.8	28.8	230.0	1.278
1961	51.0	103.9	134.6	289.6	26.2	4.8	4.7	18.8	235.0	1.284
1962	26.2	119.2	152.5	297.9	37.9	3.5	2.0	26.8	227.7	1.226
1963	37.9	150.7	159.0	347.6	55.8	8.1	5.7	32.1	245.9	1.305
1964	55.8	133.1	148.5	337.4	45.5	7.9	7.3	19.7	257.0	1.345
1965	45.5	152.3	174.6	372.4	38.2	6.8	6.0	31.6	289.8	1.498
1966	38.2	148.3	191.9	378.4	42.5	4.9	11.4	28.7	290.9	1.487
1967	42.5	190.0	197.7	430.2	57.6	8.1	15.9	34.0	314.6	1.593
1968	57.6	184.1	201.4	443.1	55.8	12.1	8.3	38.3	328.6	1.648
1969	55.8	195.0	211.4	462.2	62.5	25.2	10.5	41.9	322.1	1.599
1970	62.5	224.3	237.8	524.6	72.2	29.6	14.7	50.8	357.3	1.753
1971	72.2	238.1	208.4	518.7	69.9	30.0	10.5	45.1	363.2	1.761
1972	69.9	236.0	250.9	556.8	92.7	29.0	6.1	48.1	380.9	1.829
1973	92.7	229.4	223.2	545.3	79.0	37.4	10.2	51.0	367.7	1.748
1974	79.0	224.4	255.2	558.6	76.2	27.7	6.4	44.7	403.6	1.909
1975	76.2	207.6	228.7	512.5	47.4	28.1	6.6	27.0	403.4	1.893
1976	47.4	243.0	266.0	556.4	61.0	23.3	9.1	42.1	420.9	1.961
1977	61.0	287.4	264.8	613.2	80.2	26.1	8.7	47.8	450.4	2.081
1978	80.2	255.4	239.0	574.6	58.5	39.2	11.2	19.8	445.9	2.043
1979	56.2	206.9	267.1	530.2	77.8	28.8	5.9	12.1	405.6	1.843

Note: Figures may not add to total because of rounding.

TABLE A15.--EXVESSEL, WHOLESALE, AND RETAIL PRICES OF RAW HEADLESS SHRIMP, MONTHLY, 1978-80

MONTH	EXVESSEL (1)			WHOLESALE (2)			RETAIL (3)	
	21-25 COUNT	31-40 COUNT	51-67 COUNT	21-25 COUNT	31-40 COUNT	51-60 COUNT	21-25 COUNT	36-42 COUNT
	DOLLARS PER POUND							
1978								
JANUARY	2.84	2.08	1.25	3.44	2.65	2.02	4.53	3.06
FEBRUARY	2.77	2.07	1.30	3.47	2.68	2.07	4.54	3.11
MARCH	2.87	2.19	1.42	3.46	2.69	2.06	4.73	3.49
APRIL	3.05	2.31	1.62	3.69	2.76	2.16	4.84	3.38
MAY	3.16	2.36	1.46	3.79	2.86	2.21	4.90	3.58
JUNE	3.28	2.42	1.37	3.87	2.95	2.19	4.74	3.54
JULY	3.32	2.48	1.57	3.93	3.00	2.19	4.96	3.79
AUGUST	3.62	2.72	1.69	4.21	3.22	2.37	4.89	3.88
SEPTEMBER	3.95	2.98	1.84	4.65	3.59	2.63	4.99	3.87
OCTOBER	3.78	2.96	1.73	4.32	3.58	2.68	5.44	4.12
NOVEMBER	4.03	3.22	1.88	4.65	3.78	2.87	5.99	4.80
DECEMBER	4.02	3.21	1.93	4.60	3.83	2.93	6.02	4.94
AVERAGE	3.62	2.73	1.59	4.01	3.13	2.36	5.05	3.80
1979								
JANUARY	4.22	3.38	2.08	4.75	4.05	3.06	6.45	4.94
FEBRUARY	4.43	3.61	2.29	5.01	4.34	3.29	6.07	5.19
MARCH	4.55	3.68	2.41	5.20	4.53	3.41	6.59	5.84
APRIL	5.00	4.25	2.93	5.41	4.77	3.50	7.04	5.84
MAY	5.21	4.66	3.06	6.01	5.11	3.70	7.15	6.58
JUNE	5.65	4.82	2.83	6.40	5.21	3.57	7.68	7.04
JULY	5.34	4.25	2.44	6.41	5.00	3.13	8.49	7.34
AUGUST	5.24	3.91	2.49	6.32	4.72	3.25	8.49	7.34
SEPTEMBER	5.26	3.91	2.69	6.41	4.79	3.32	8.49	7.34
OCTOBER	5.05	4.14	2.75	6.26	4.80	3.38	8.79	7.34
NOVEMBER	4.79	4.01	2.67	5.90	4.75	3.40	8.99	7.28
DECEMBER	4.80	3.96	2.61	5.80	4.67	3.29	8.94	7.04
AVERAGE	4.96	4.05	2.60	5.82	4.73	3.36	7.76	6.59
1980								
JANUARY	4.85	3.99	2.54	5.67	4.62	3.29	8.67	7.12
FEBRUARY	4.62	3.81	2.28	5.48	4.51	3.28	8.58	6.96
MARCH	4.47	3.69	2.53	5.13	4.30	3.18	8.58	6.64
APRIL	4.11	3.51	2.39	4.71	3.93	3.03	8.46	6.64
MAY	4.04	3.44	2.30	4.61	3.84	2.93	8.66	6.67
JUNE	4.29	3.52	2.23	4.75	3.79	2.97	8.34	6.69
JULY	4.33	3.54	2.31	4.99	3.81	2.99	8.48	6.69
AUGUST	4.39	3.49	2.50	5.23	3.96	3.13	8.49	6.69
SEPTEMBER	4.08	3.16	2.41	4.80	3.81	3.13	8.49	6.69
OCTOBER	3.67	3.03	2.33	4.47	3.64	3.12	8.29	6.58
NOVEMBER								
DECEMBER								
AVERAGE								

(1) WEIGHTED AVERAGE, ALL SPECIES, SOUTH ATLANTIC AND GULF.
(2) AT NEW YORK, N.Y.
(3) AT BALTIMORE, MD.

NOTE: EXVESSEL PRICES FOR 1979 AND 1980 ARE PRELIMINARY.

Table A16.--Scallop landings in the United States and Canada, annual, 1960-79
(Product weight)

Year	United States				Canada	Grand total
	Sea	Bay	Calico	Total		
	Thousand pounds					
1960	26,599	2,031	112	28,742	7,716	36,458
1961	27,461	1,708	26	29,195	10,516	39,711
1962	24,634	3,159	17	27,810	13,481	41,291
1963	19,939	1,517	1/	21,456	16,217	37,673
1964	16,914	1,887	-	18,801	16,682	35,483
1965	20,070	1,859	872	22,801	19,704	42,505
1966	15,975	1,780	1,857	19,612	18,249	37,861
1967	10,243	1,097	1,410	12,750	13,321	26,071
1968	13,818	1,491	89	15,398	15,649	31,047
1969	9,312	2,114	199	11,625	13,813	25,438
1970	7,304	1,700	1,833	10,837	12,982	23,819
1971	6,337	2,315	1,574	10,226	11,170	21,396
1972	7,017	2,032	1,352	10,401	12,049	22,450
1973	6,400	1,014	558	7,972	11,154	19,126
1974	6,444	1,499	1,131	9,074	14,043	23,117
1975	10,063	1,648	1,992	13,703	17,703	31,406
1976	19,853	1,590	2,268	23,711	25,741	49,452
1977	25,012	1,703	1,111	27,826	28,952	56,778
1978	30,976	1,371	948	33,295	29,059	62,354
1979	31,466	1,774	863	34,103	23,760	57,863

1/ Less than 500 pounds.
Note: Figures may not add to total because of rounding.

Table A17.--U.S. imports of scallops by country of origin, January-June and January-December, 1978-80

(Product weight)

Country	1978		1979		1980
	Jan.-June	Jan.-Dec.	Jan.-June	Jan.-Dec.	Jan.-June
	Thousand pounds				
Canada	11,693	24,333	9,539	19,922	6,358
Iceland	214	1,412	727	2,064	686
Brazil	-	-	153	1,054	445
U. Kingdom	363	906	394	1,353	414
Denmark	61	341	86	132	177
Other	664	1,375	358	630	87
Total	12,995	28,367	11,257	25,155	8,167

TABLE A18.--FIRST-OF-THE-MONTH COLD STORAGE HOLDINGS OF SCALLOPS IN THE UNITED STATES AND CANADA, MONTHLY, 1978-80

(PRODUCT WEIGHT)

MONTH	1978			1979			1980		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS								
JANUARY	5,927	1,149	7,076	5,140	459	5,599	5,465	304	5,769
FEBRUARY	5,058	659	5,717	4,392	677	5,069	4,401	110	4,511
MARCH	4,309	1,065	5,374	3,412	108	3,520	4,462	154	4,616
APRIL	3,545	474	4,019	2,582	494	3,076	3,814	459	4,273
MAY	3,216	538	3,754	2,496	1,259	3,755	3,157	256	3,413
JUNE	2,516	615	3,131	2,698	1,596	4,294	3,169	439	3,608
JULY	2,802	586	3,388	3,281	196	3,477	3,266	505	3,771
AUGUST	3,949	1,202	5,151	4,338	961	5,299	3,577		
SEPTEMBER	4,876	1,248	6,124	4,993	381	5,374			
OCTOBER	4,870	719	5,589	4,982	183	5,165			
NOVEMBER	5,213	1,400	6,613	4,910	353	5,263			
DECEMBER	5,742	910	6,652	5,573	1,473	7,046			

TABLE A19.--SUPPLY AND USE OF SCALLOPS, MONTHLY, 1978-80
(PRODUCT WEIGHT)

MONTH	SUPPLY				USE	
	BEGINNING STOCKS	LANDINGS (1)	IMPORTS	TOTAL	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS					
1978						
JANUARY	5.9	1.0	1.1	8.0	5.1	3.0
FEBRUARY	5.1	1.6	1.4	8.1	4.3	3.8
MARCH	4.3	1.8	1.6	7.7	3.5	4.2
1ST QTR	5.9	4.4	4.2	14.5	3.5	11.0
APRIL	3.5	2.6	2.2	8.3	3.2	5.1
MAY	3.2	3.7	3.4	10.3	2.5	7.8
JUNE	2.5	3.9	3.2	9.6	2.8	6.8
2ND QTR	3.5	10.1	8.8	22.5	2.8	19.7
JULY	2.8	4.4	3.2	10.4	3.9	6.5
AUGUST	3.9	3.8	2.7	10.5	4.9	5.6
SEPTEMBER	4.9	2.6	3.7	11.2	4.9	6.3
3RD QTR	2.8	10.8	9.7	23.3	4.9	18.4
OCTOBER	4.9	2.6	1.8	9.2	5.2	4.0
NOVEMBER	5.2	2.1	2.8	10.1	5.7	4.4
DECEMBER	5.7	1.3	1.1	8.1	5.1	3.0
4TH QTR	4.9	6.0	5.7	16.6	5.1	11.4
YEAR	5.9	31.4	28.4	65.7	5.1	60.5
1979						
JANUARY	5.1	1.0	1.6	7.7	4.4	3.4
FEBRUARY	4.4	0.9	1.0	6.3	3.4	2.9
MARCH	3.4	2.4	1.4	7.2	2.6	4.6
1ST QTR	5.1	4.2	4.1	13.4	2.6	10.8
APRIL	2.6	2.7	1.6	6.9	2.5	4.4
MAY	2.5	3.8	2.4	8.6	2.7	5.9
JUNE	2.7	3.6	3.2	9.5	3.3	6.2
2ND QTR	2.6	10.1	7.2	19.8	3.3	16.6
JULY	3.3	4.0	2.9	10.1	4.3	5.8
AUGUST	4.3	3.3	2.9	10.6	5.0	5.6
SEPTEMBER	5.0	2.4	2.1	9.4	5.0	4.4
3RD QTR	3.3	9.6	7.9	20.8	5.0	15.8
OCTOBER	5.0	2.1	2.3	9.4	4.9	4.5
NOVEMBER	4.9	1.7	2.0	8.7	5.6	3.1
DECEMBER	5.6	1.3	1.7	8.6	5.5	3.1
4TH QTR	5.0	5.1	6.0	16.1	5.5	10.7
YEAR	5.1	29.1	25.2	59.4	5.5	53.9
1980						
JANUARY	5.5	1.1	1.2	7.8	4.4	3.4
FEBRUARY	4.4	1.6	1.0	7.0	4.5	2.5
MARCH	4.5	1.7	1.0	7.1	3.8	3.3
1ST QTR	5.5	4.4	3.2	13.1	3.8	9.2
APRIL	3.8	3.0	1.6	8.5	3.2	5.3
MAY	3.2	3.7	1.6	8.5	3.2	5.3
JUNE	3.2	3.5	1.8	8.4	3.3	5.1
2ND QTR	3.8	10.2	5.0	19.0	3.3	15.7
JULY	3.3		2.9		3.6	
AUGUST	3.6					
SEPTEMBER						
3RD QTR						

(1) LANDINGS OF SEA SCALLOPS ONLY (IN MAINE, MASSACHUSETTS, RHODE ISLAND, NEW YORK, NEW JERSEY, VIRGINIA, AND ALASKA).

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A20-- Supply and utilization of all scallops, annual, 1960-79
(Product weight)

Year	Supply				Utilization		
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1960	3.5	28.7	6.9	39.1	3.1	36.0	0.200
1961	3.1	29.2	8.7	41.0	3.0	38.0	.208
1962	3.0	27.8	11.6	42.4	2.7	39.7	.214
1963	2.7	21.5	13.4	37.6	3.3	34.3	.182
1964	3.3	18.8	16.2	38.3	3.1	35.2	.184
1965	3.1	22.8	16.5	42.4	5.9	36.5	.189
1966	5.9	19.6	16.7	42.2	3.4	38.8	.198
1967	3.4	12.8	13.5	29.7	1.2	28.5	.144
1968	1.2	15.4	14.6	31.2	3.1	28.1	.141
1969	3.1	11.6	14.3	29.0	2.2	26.8	.133
1970	2.2	10.8	16.8	29.8	2.4	27.4	.134
1971	2.4	10.2	17.4	30.0	1.6	28.4	.138
1972	1.6	10.4	20.8	32.8	3.7	29.1	.140
1973	3.7	8.0	19.8	31.5	4.5	27.0	.129
1974	4.5	9.1	18.1	31.7	2.6	29.1	.137
1975	2.6	13.7	19.7	36.0	2.0	34.0	.160
1976	2.0	23.7	25.2	51.0	4.9	46.1	.215
1977	4.9	27.8	29.8	62.5	5.9	56.6	.261
1978	5.9	33.3	28.4	67.6	5.1	62.4	.286
1979	5.1	34.1	25.2	64.4	5.5	58.9	.268

Table A21-- Production of fresh and frozen scallops, annual, 1960-78
(Product weight)

Year	Shucked			Breaded, raw and cooked	Specialties and other
	Bay	Calico	Sea		
	Thousand gallons			Thousand pounds	
1960	129	1/	2/	10,032	na
1961	183	1/	2/	11,363	2,240
1962	345	na	7,881	12,932	1,557
1963	137	na	5,940	7,292	501
1964	177	na	4,832	6,535	989
1965	210	na	5,646	7,126	1,076
1966	205	226	3,657	8,455	984
1967	129	171	2,406	8,878	641
1968	180	na	3,665	9,250	567
1969	267	42	3,167	7,795	1,563
1970	214	194	2,647	8,496	597
1971	186	179	1,810	9,260	143
1972	58	166	3,361	8,805	na
1973	30	75	2,872	8,268	na
1974	240	na	2,300	6,739	na
1975	87	394	5,217	7,853	na
1976	132	204	11,895	10,326	na
1977	85	140	17,407	10,499	na
1978	114	71	17,683	12,177	na

na - Not available.
1/ Included with bay scallops.
2/ Included with breaded, raw and cooked.
Note: Figures may not add to total because of rounding.

TABLE A22.--WHOLESALE PRICES FOR SCALLOPS AT NEW YORK FOR SELECTED COUNTRIES, MONTHLY, 1976-80

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
UNITED STATES													
1976	2.89	2.85	2.79	2.65	2.19	2.19	1.89	1.78	1.97	2.32	2.33	2.15	2.33
1977	2.34	2.17	2.03	1.92	1.72	1.69	1.72	1.98	2.04	2.28	2.43	2.46	2.07
1978	2.63	2.64	2.47	2.37	2.25	2.65	3.04	2.91	3.43	3.53	3.44	3.79	2.93
1979	3.95	4.06	3.82	3.51	3.47	3.34	3.66	3.83	4.12	4.15	4.16	4.33	3.87
1980	4.78	4.52	4.49	4.00	3.63	3.94	4.27	4.76					
CANADA													
1976	2.92	2.95	2.85	2.74	2.46	2.51	2.22	1.97	2.16	2.29	2.19	1.98	2.44
1977	1.94	2.02	1.91	1.88	1.81	1.69	1.69	1.87	2.03	2.24	2.39	2.42	1.99
1978	2.55	2.52	2.25	2.29	2.26	2.79	3.54	3.34	3.35	3.47	3.51	3.55	2.95
1979	3.61	3.65	3.93	3.65	3.57	3.53	3.75	3.85	4.24	4.24	4.18	4.06	3.85
1980	4.29	4.26	4.25	4.35	3.84	3.95	4.32	4.73					
UNITED KINGDOM													
1976	2.70	2.73	2.72	2.63	2.29	2.36	2.40	-	-	-	2.45	2.45	2.52
1977	-	-	-	-	-	-	-	-	2.45	-	-	2.43	2.44
1978	2.51	2.53	2.38	2.31	2.39	-	-	-	-	-	-	-	2.42
1979	3.68	3.75	3.66	3.62	3.63	3.59	3.65	3.65	-	4.20	-	3.99	3.74
1980	4.06	4.10	4.05	3.80	3.50	3.50	3.38	-					

TABLE A23.--EXVESSEL, WHOLESALE, AND RETAIL PRICES FOR SEA SCALLOPS, MONTHLY, 1976-80

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
EXVESSEL (1)													
1976	2.45	2.43	2.39	2.10	1.87	1.87	1.54	1.38	1.57	2.00	2.00	1.75	1.84
1977	1.94	1.73	1.66	1.48	1.39	1.36	1.42	1.62	1.74	1.98	2.01	2.07	1.66
1978	2.48	2.16	2.16	1.96	1.94	2.42	2.72	2.53	3.06	3.18	3.09	3.21	2.53
1979	3.22	3.70	3.35	3.32	2.95	3.01	3.36	3.52	3.75	3.81	3.77	3.88	3.42
1980	4.20	4.07	4.01	3.59	3.17	3.60	3.77	4.31					
WHOLESALE (2)													
1976	2.72	2.85	2.97	2.89	-	-	2.00	2.00	2.01	2.11	2.13	2.10	2.38
1977	2.08	2.07	2.00	1.99	1.89	1.68	1.65	1.80	1.88	2.13	2.35	2.35	1.99
1978	2.40	2.56	2.55	2.45	2.38	2.84	3.25	2.99	3.31	3.47	3.47	3.44	2.93
1979	3.52	3.62	3.70	3.56	3.41	3.42	3.70	3.82	4.14	4.21	4.16	4.06	3.78
1980	4.30	4.27	4.23	4.16	3.95	3.97	4.15	4.67					
RETAIL (3)													
1976	4.24	3.80	3.72	3.78	3.47	3.34	3.37	2.80	3.07	3.37	3.42	3.54	3.49
1977	3.70	3.53	3.45	3.25	2.94	2.81	2.60	2.83	3.03	3.19	3.04	3.09	3.12
1978	3.37	3.85	3.69	3.70	3.42	3.57	4.01	4.20	4.33	4.53	4.88	4.74	4.02
1979	5.18	5.64	5.89	4.96	5.42	5.23	5.53	5.53	5.99	6.09	6.29	6.00	5.65
1980	6.41	6.63	6.59	6.58	5.69	5.59	6.17	6.65					

(1) WEIGHTED AVERAGE AT NEW BEDFORD, MASS.
(2) AT BOSTON, MASS.
(3) AT BALTIMORE, MD.

Table A24 --Landings of American lobster in the United States and Canada, annual, 1960-79

(Live weight)

Year	United States			Canada	Grand total
	Maine	Other	Total		
	Million pounds				
1960	24.0	7.2	31.2	50.0	81.2
1961	20.9	7.1	28.0	47.5	75.5
1962	22.1	7.4	29.5	46.4	75.9
1963	22.8	7.5	30.3	44.4	74.7
1964	21.4	9.5	31.0	41.9	72.9
1965	18.9	11.4	30.2	40.5	70.7
1966	19.9	9.6	29.5	37.4	66.9
1967	16.5	10.3	26.7	35.1	61.8
1968	20.5	12.1	32.6	37.3	69.9
1969	19.8	14.0	33.8	40.1	73.9
1970	18.2	16.0	34.2	36.6	70.8
1971	17.6	16.1	33.7	38.2	71.9
1972	16.3	16.0	32.2	33.2	65.4
1973	17.0	12.0	29.0	35.6	64.6
1974	16.5	11.8	28.3	31.4	59.7
1975	17.0	12.0	29.0	38.6	67.6
1976	19.0	12.7	31.7	35.4	67.1
1977	18.5	13.2	31.7	33.7	65.4
1978	19.1	15.3	34.4	42.3	76.7
1979	22.1	15.1	37.2	45.2	82.4

Note: Figures may not add to total because of rounding.

Table A25 --Imports of American lobster from Canada by product type, annual, 1960-79

(Product weight)

Year	Live	In airtight containers	Other	Total	Total live weight
	Million pounds				
1960	19.4	2.4	2.0	23.8	39.5
1961	19.4	2.8	1.8	24.0	40.6
1962	20.4	3.1	1.7	25.2	42.3
1963	20.1	2.4	1.8	24.3	38.9
1964	19.7	2.8	.7	23.2	36.0
1965	17.7	2.9	.9	21.5	35.0
1966	16.4	2.9	.7	20.0	32.7
1967	15.0	2.7	.6	18.3	29.7
1968	15.8	2.5	.9	19.2	31.3
1969	16.7	2.7	.8	20.2	31.6
1970	16.5	2.4	.6	19.5	30.2
1971	16.1	2.3	1.7	20.1	34.5
1972	15.5	2.2	.7	18.4	28.8
1973	15.5	1.7	.6	17.8	25.8
1974	14.2	1.6	.7	16.6	25.0
1975	15.0	2.0	.7	17.7	27.6
1976	14.9	2.1	.9	18.0	29.1
1977	14.4	2.5	.6	17.5	28.8
1978	12.2	2.3	.9	15.4	27.1
1979	14.4	1.8	1.9	18.1	31.0

Note: Figures may not add to total because of rounding.

TABLE A26.--SUPPLY OF AMERICAN LOBSTER, MONTHLY, 1978-80
(LIVE WEIGHT)

MONTH	TOTAL LANDINGS	IMPORTS				GRAND TOTAL
		LIVE	IN AIRTIGHT CONTAINERS	OTHER	TOTAL	
	THOUSAND POUNDS					
1978						
JANUARY	396	571	409	208	1,188	1,584
FEBRUARY	366	516	79	311	906	1,272
MARCH	357	634	3	37	675	1,032
1ST QTR	1,119	1,722	491	555	2,769	3,888
APRIL	622	1,155	269	254	1,677	2,299
MAY	1,546	3,174	1,787	389	5,350	6,896
JUNE	1,638	2,499	2,882	228	5,609	7,247
2ND QTR	3,806	6,827	4,938	871	12,636	16,442
JULY	3,843	1,884	1,512	466	3,862	7,705
AUGUST	6,283	628	810	389	1,827	8,110
SEPTEMBER	6,028	234	965	908	2,107	8,135
3RD QTR	16,154	2,746	3,287	1,763	7,796	23,950
OCTOBER	4,896	125	967	339	1,431	6,327
NOVEMBER	3,054	95	525	562	1,182	4,236
DECEMBER	1,777	686	440	177	1,303	3,080
4TH QTR	9,727	907	1,932	1,077	3,916	13,643
YEAR	30,806	12,202	10,648	4,267	27,116	57,922
1979						
JANUARY	445	748	336	335	1,419	1,864
FEBRUARY	128	405	183	157	745	873
MARCH	304	681	387	356	1,423	1,727
1ST QTR	877	1,833	906	848	3,587	4,464
APRIL	670	1,357	484	846	2,687	3,357
MAY	1,472	3,097	576	368	4,041	5,513
JUNE	1,884	3,396	1,681	991	6,068	7,952
2ND QTR	4,026	7,850	2,741	2,205	12,796	16,822
JULY	4,156	1,915	1,119	563	3,597	7,753
AUGUST	6,106	734	387	823	1,945	8,051
SEPTEMBER	6,508	249	1,260	1,694	3,203	9,711
3RD QTR	16,770	2,898	2,767	3,080	8,745	25,515
OCTOBER	5,681	111	844	1,216	2,170	7,851
NOVEMBER	3,630	232	529	667	1,427	5,057
DECEMBER	1,588	1,473	521	376	2,371	3,959
4TH QTR	10,899	1,815	1,894	2,259	5,969	16,868
YEAR	32,572	14,397	8,307	8,392	31,097	63,669
1980						
JANUARY	575	630	439	308	1,377	1,952
FEBRUARY	221	863	464	376	1,703	1,924
MARCH	186	743	757	275	1,774	1,960
1ST QTR	982	2,235	1,660	959	4,855	5,837
APRIL	615	1,127	1,069	271	2,467	3,082
MAY	1,421	2,456	954	369	3,779	5,200
JUNE	1,445	2,582	926	734	4,242	5,687
2ND QTR	3,481	6,165	2,949	1,374	10,488	13,969
JULY		2,551	1,121	2,674	6,345	
AUGUST						
SEPTEMBER						
3RD QTR						
OCTOBER						
NOVEMBER						
DECEMBER						
4TH QTR						
YEAR						

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A27.--Supply of American lobsters, annual, 1960-79
(Live weight)

Year	Landings	Imports				Grand total
		Live	In airtight containers	Other	Total	
	Million pounds					
1960	31.2	19.4	11.2	8.9	39.5	70.7
1961	28.0	19.4	12.9	8.3	40.6	68.6
1962	29.5	20.4	14.4	7.5	42.3	71.8
1963	30.3	20.1	10.9	7.9	38.9	69.2
1964	31.0	19.7	13.1	3.3	36.0	67.0
1965	30.2	17.7	13.2	4.1	35.0	65.2
1966	29.5	16.4	13.3	3.0	32.7	62.2
1967	26.7	15.0	12.5	2.4	29.7	56.4
1968	32.6	15.8	11.4	4.1	31.3	63.9
1969	33.8	16.7	11.5	3.5	31.6	65.4
1970	34.2	16.5	11.0	2.6	30.2	64.3
1971	33.7	16.1	10.6	7.8	34.5	68.2
1972	32.2	15.5	10.1	3.3	28.8	61.0
1973	29.0	15.5	7.7	2.6	25.8	54.8
1974	28.3	14.2	7.4	3.3	25.0	53.3
1975	29.0	15.0	9.2	3.3	27.6	56.6
1976	31.7	14.9	10.0	4.3	29.1	60.8
1977	31.7	14.4	11.8	2.5	28.8	60.5
1978	34.4	12.2	10.6	4.3	27.1	61.5
1979	37.1	14.4	8.3	8.4	30.1	67.2

Note: Figures may not add to total because of rounding.

TABLE A28.--EXVESSEL AND WHOLESALE PRICES FOR AMERICAN LOBSTERS, MONTHLY, 1978-80

MONTH	EXVESSEL PRICE (1)	WHOLESALE PRICES (2)				
		CHIX	1-1/8 LB.	1-1/4 LB.	1-1/2 LB.	2 LB.
	DOLLARS PER POUND					
1978						
JANUARY	2.79	3.76	3.79	3.88	4.31	4.50
FEBRUARY	3.03	3.82	3.88	3.94	4.46	4.71
MARCH	3.26	3.97	3.99	4.01	4.43	4.72
APRIL	2.89	4.45	4.45	4.46	4.50	4.56
MAY	2.12	2.87	2.87	2.87	2.95	2.95
JUNE	2.14	3.09	3.09	3.10	3.12	3.13
JULY	1.96	3.44	3.44	3.44	3.44	3.44
AUGUST	1.50	3.34	3.34	3.40	3.71	3.78
SEPTEMBER	1.45	2.96	2.99	3.05	3.74	3.91
OCTOBER	1.54	2.67	2.69	2.81	3.46	3.51
NOVEMBER	1.77	2.98	2.98	3.03	3.72	3.72
DECEMBER	2.62	3.70	3.71	3.72	4.24	4.39
AVERAGE	1.77	3.42	3.43	3.48	3.84	3.94
1979						
JANUARY	3.13	3.81	3.81	3.84	4.41	4.57
FEBRUARY	3.15	4.40	4.37	4.46	4.98	5.26
MARCH	3.36	4.51	4.52	4.53	5.24	5.61
APRIL	2.64	3.71	3.71	3.72	4.21	4.62
MAY	2.05	2.76	2.76	2.77	3.11	3.11
JUNE	2.11	2.94	2.94	2.94	3.08	3.09
JULY	1.57	3.18	3.18	3.18	3.21	3.21
AUGUST	1.63	3.69	3.69	3.72	4.14	4.36
SEPTEMBER	1.67	3.52	3.52	3.57	3.95	4.20
OCTOBER	1.86	3.26	3.26	3.29	3.72	4.09
NOVEMBER	1.76	3.21	3.21	3.22	3.80	4.07
DECEMBER	2.03	3.18	3.18	3.18	3.78	4.03
AVERAGE	1.80	3.51	3.51	3.53	3.97	4.19
1980						
JANUARY	2.59	3.65	3.65	3.70	4.04	4.22
FEBRUARY	2.84	3.78	3.80	3.86	4.26	5.03
MARCH	3.40	4.51	4.51	4.52	5.06	6.05
APRIL	3.35	5.18	5.18	5.19	5.39	5.60
MAY	2.23	3.31	3.31	3.31	3.31	3.31
JUNE	2.45	3.52	3.52	3.53	3.56	3.56
JULY		4.00	4.00	4.01	4.14	4.15
AUGUST		3.91	3.91	3.98	4.58	4.75
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
AVERAGE						

(1) WEIGHTED AVERAGE IN MAINE.
(2) AT NEW YORK, N.Y.

TABLE A29.--SUPPLY AND USE OF LOBSTER TAILS, MONTHLY, 1978-80
(PRODUCT WEIGHT)

MONTH	SUPPLY			USE	
	BEGINNING STOCKS	IMPORTS	TOTAL	ENDING STOCKS	APPARENT CONSUMPTION
	MILLION POUNDS				
1978					
JANUARY	5.0	3.1	8.1	5.5	2.6
FEBRUARY	5.5	3.7	9.2	5.4	3.8
MARCH	5.4	2.7	8.1	5.3	2.8
1ST QTR	5.0	9.5	14.5	5.3	9.2
APRIL	5.3	3.1	8.4	5.0	3.4
MAY	5.0	3.1	8.1	4.7	3.4
JUNE	4.7	3.5	8.2	5.2	3.0
2ND QTR	5.3	9.7	15.0	5.2	9.9
JULY	5.2	2.6	7.7	5.2	2.5
AUGUST	5.2	2.4	7.6	5.2	2.5
SEPTEMBER	5.2	1.9	7.1	5.0	2.1
3RD QTR	5.2	6.9	12.1	5.0	7.1
OCTOBER	5.0	1.8	6.8	5.5	1.3
NOVEMBER	5.5	1.7	7.1	5.0	2.1
DECEMBER	5.0	1.7	6.7	5.9	0.8
4TH QTR	5.0	5.1	10.1	5.9	4.2
YEAR	5.0	31.3	36.3	5.9	30.4
1979					
JANUARY	5.9	1.9	7.8	4.9	2.9
FEBRUARY	4.9	2.9	7.8	4.5	3.2
MARCH	4.5	4.1	8.7	3.5	5.2
1ST QTR	5.9	8.9	14.8	3.5	11.3
APRIL	3.5	3.9	7.4	3.9	3.5
MAY	3.9	2.6	6.5	4.0	2.5
JUNE	4.0	3.8	7.9	4.6	3.2
2ND QTR	3.5	10.4	13.9	4.6	9.2
JULY	4.6	2.3	7.0	5.2	1.7
AUGUST	5.2	1.8	7.0	5.1	1.9
SEPTEMBER	5.1	1.9	7.0	4.8	2.2
3RD QTR	4.6	6.0	10.6	4.8	5.9
OCTOBER	4.8	1.7	6.5	5.9	0.5
NOVEMBER	5.9	1.7	7.6	5.8	1.8
DECEMBER	5.8	2.4	8.2	5.7	2.5
4TH QTR	4.8	5.8	10.5	5.7	4.9
YEAR	5.9	31.1	36.9	5.7	31.3
1980					
JANUARY	5.7	2.7	8.3	5.4	3.0
FEBRUARY	5.4	2.8	8.2	4.8	3.3
MARCH	4.8	2.6	7.5	6.3	1.2
1ST QTR	5.7	8.1	13.8	6.3	7.5
APRIL	6.3	2.6	8.8	7.0	1.9
MAY	7.0	3.5	10.5	4.5	5.9
JUNE	4.5	2.5	7.0	4.7	2.3
2ND QTR	6.3	8.5	14.8	4.7	10.1
JULY	4.7	2.0	6.7	4.1	2.6
AUGUST	4.1				
SEPTEMBER					
3RD QTR					
OCTOBER					
NOVEMBER					
DECEMBER					
4TH QTR					
YEAR					

Table A30-- Supply and utilization of lobster tails, annual, 1960-79
(Product weight)

Year	Supply				Utilization		
	Beginning stocks	Domestic production 1/	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1960	3.7	2/	27.9	31.6	4.2	27.4	0.152
1961	4.2	2/	27.6	31.8	5.1	26.7	.146
1962	5.1	2/	31.3	36.4	6.7	29.7	.160
1963	6.7	2/	28.8	35.5	5.1	30.4	.161
1964	5.1	2/	29.3	34.4	2.7	31.7	.166
1965	2.7	0.4	30.9	34.0	5.5	28.5	.147
1966	5.5	.5	29.3	35.3	6.8	28.5	.146
1967	6.8	.7	27.3	34.8	3.8	31.0	.157
1968	3.8	1.7	35.8	41.3	5.2	36.1	.181
1969	5.2	2.7	37.3	45.2	7.5	37.7	.187
1970	7.5	2.4	32.5	42.4	4.3	38.1	.187
1971	4.3	3.0	34.6	41.9	4.1	37.8	.183
1972	4.1	3.0	34.1	41.2	7.5	33.7	.162
1973	7.5	2.6	30.8	40.9	5.0	35.9	.172
1974	5.0	2.9	31.2	39.0	6.5	32.6	.154
1975	6.5	2.3	30.3	39.1	2.7	36.4	.169
1976	2.7	2.2	33.3	38.2	6.2	32.0	.149
1977	6.2	2.5	33.9	42.6	5.0	37.6	.173
1978	5.0	1.6	31.3	37.9	5.9	32.1	.147
1979	5.9	1.6	31.1	38.6	5.7	32.9	.149

1/ Includes some lobster tail imported and reprocessed in the United States.
2/ Not available.
Note: Figures may not add to total because of rounding.

Table A31 --U.S. imports of lobster tails by country of origin, 1960-79
(Product weight)

Year	Australia	Brazil	Rep. of S. Africa	New Zealand	Other	Total
	Million pounds					
1960	7.3	2.4	9.2	2.6	6.4	27.9
1961	6.7	3.6	9.7	2.1	5.5	27.6
1962	9.7	4.6	11.3	2.6	3.1	31.3
1963	8.9	4.0	10.2	2.8	2.9	28.8
1964	7.7	2.9	13.2	2.5	3.0	29.3
1965	8.5	2.6	12.2	2.7	4.9	30.9
1966	8.5	2.4	10.8	3.0	4.6	29.3
1967	8.5	2.0	8.6	3.6	4.6	27.3
1968	10.0	3.4	11.2	4.9	6.3	35.8
1969	8.7	5.7	9.2	5.1	8.6	37.3
1970	8.2	5.8	6.0	4.1	8.4	32.5
1971	10.0	5.1	5.2	4.1	10.2	34.6
1972	10.0	6.0	4.5	3.4	10.2	34.1
1973	8.7	5.4	5.0	3.1	8.6	30.8
1974	8.0	5.9	5.5	2.9	8.9	31.2
1975	9.0	4.9	5.6	2.6	8.2	30.3
1976	9.3	4.9	6.0	2.6	10.5	33.3
1977	9.1	5.2	5.9	2.5	11.2	33.9
1978	9.0	6.5	5.2	2.7	8.1	31.3
1979	9.8	6.0	4.0	2.4	8.8	31.1

Note: Figures may not add to total because of rounding.

Table A32.--U.S. imports of lobster tails by country of origin, January-June and January-December, 1978-80

(Product weight)

Country	1978		1979		1980
	Jan.-June	Jan.-Dec.	Jan.-June	Jan.-Dec.	Jan.-June
	Million pounds				
North America					
Honduras	577	1,010	1,085	1,945	887
Nicaragua	1,368	2,322	1,628	2,217	884
Bahamas	129	398	324	643	360
Other	684	1,767	613	1,769	664
Total	2,758	5,497	3,650	6,574	2,795
South America					
Brazil	3,835	6,452	3,433	5,979	2,206
Other	98	245	78	90	27
Total	3,934	6,697	3,511	6,069	2,233
Europe					
Total	314	635	90	622	302
Asia					
India	568	759	331	506	170
Japan	248	388	306	439	116
Other	209	453	304	420	195
Total	1,025	1,600	941	1,355	481
Australia & Oceania					
Australia	6,949	8,993	7,712	9,843	7,930
New Zealand	1,468	2,664	870	2,408	1,351
Other	42	50	88	97	-
Total	8,459	11,707	8,670	12,347	9,281
Africa					
South Africa	2,762	5,151	2,363	4,041	1,438
Other	21	48	58	58	86
Total	2,783	5,200	2,421	4,099	1,524
Grand total	19,273	31,336	19,283	31,067	16,616

Note: Figures may not add to total because of rounding.

TABLE A33.--WHOLESALE PRICES FOR SELECTED SIZES OF COLD- AND WARM-WATER LOBSTER TAILS AT NEW YORK, MONTHLY, 1978-80

MONTH	COLD-WATER					WARM-WATER				
	4-6 oz.	6-8 oz.	8-10 oz.	10-12 oz.	12-16 oz.	4-6 oz.	6-8 oz.	8-10 oz.	10-12 oz.	12-16 oz.
	DOLLARS PER POUND									
1978										
JANUARY	7.46	7.52	7.34	7.34	6.83	5.63	5.71	5.20	4.86	4.66
FEBRUARY	7.27	7.27	7.21	7.20	6.75	5.65	5.74	5.19	4.85	4.67
MARCH	7.30	7.31	7.21	7.17	6.74	5.72	5.82	5.28	4.94	4.75
APRIL	7.43	7.41	7.35	7.25	6.82	5.85	5.93	5.43	5.10	4.90
MAY	7.50	7.54	7.51	7.33	6.74	6.30	6.42	5.76	5.41	5.24
JUNE	7.65	7.58	7.52	7.35	6.83	6.62	6.69	6.01	5.58	5.40
JULY	7.67	7.60	7.58	7.40	6.76	6.81	6.91	6.33	5.76	5.52
AUGUST	7.75	7.59	7.53	7.43	6.79	7.01	7.12	6.48	5.89	5.66
SEPTEMBER	7.82	7.62	7.58	7.40	6.76	7.05	7.11	6.56	5.99	5.71
OCTOBER	7.89	7.69	7.63	7.34	6.80	7.16	7.19	6.73	6.18	5.82
NOVEMBER	7.98	7.83	7.71	7.31	6.91	7.32	7.31	6.94	6.35	6.66
DECEMBER	8.00	7.79	7.76	7.50	6.90	7.39	7.37	7.01	6.48	6.63
AVERAGE	7.64	7.56	7.49	7.34	6.80	6.54	6.61	6.08	5.61	5.47
1979										
JANUARY	8.07	7.84	7.79	7.59	7.13	7.38	7.38	6.96	6.54	6.85
FEBRUARY	8.14	7.88	7.78	7.63	7.19	7.30	7.31	6.57	6.18	-
MARCH	8.27	7.90	7.78	7.60	7.28	7.30	7.33	7.02	6.67	6.93
APRIL	8.45	7.91	7.79	7.66	7.36	7.43	7.44	7.13	6.85	6.72
MAY	8.82	8.01	7.87	7.90	7.77	7.49	7.52	7.21	6.90	6.79
JUNE	9.05	8.42	8.09	8.00	7.65	7.44	7.37	7.20	6.90	6.81
JULY	9.26	8.48	8.05	8.20	7.80	7.34	7.25	7.06	6.89	6.70
AUGUST	9.40	8.69	8.33	8.35	7.78	7.33	7.25	7.09	6.92	6.70
SEPTEMBER	9.58	8.89	8.86	8.56	8.23	7.35	7.21	7.09	6.92	6.70
OCTOBER	10.13	9.52	9.33	9.20	9.00	7.40	7.23	7.05	6.90	6.67
NOVEMBER	10.40	9.66	9.70	9.40	-	7.35	7.25	7.01	6.80	6.65
DECEMBER	10.25	9.98	9.80	9.80	-	7.50	7.24	6.95	6.79	6.63
AVERAGE	9.15	8.60	8.43	8.33	7.72	7.38	7.32	7.03	6.77	6.74
1980										
JANUARY	9.51	9.47	9.39	9.46	9.22	7.33	7.21	6.96	6.76	6.62
FEBRUARY	9.23	9.15	9.27	9.29	9.28	7.26	7.23	7.00	6.77	7.02
MARCH	9.23	9.12	9.02	9.06	9.08	7.16	7.12	6.89	6.62	6.91
APRIL	9.01	8.74	8.74	8.62	8.73	7.18	7.11	6.90	6.57	6.79
MAY	9.01	8.58	8.58	8.40	8.50	7.50	7.05	6.87	6.61	6.86
JUNE	9.13	8.67	8.34	8.42	8.45	7.13	7.06	6.84	6.64	6.94
JULY	9.30	9.01	8.44	8.58	8.50	7.18	7.14	6.88	7.06	6.93
AUGUST	9.60	9.47	8.65	8.69	8.62	7.36	7.28	7.00	7.24	7.02
SEPTEMBER										
OCTOBER										
NOVEMBER										
DECEMBER										
AVERAGE										

TABLE A34.--LANDINGS OF KING AND SNOW CRAB, MONTHLY, 1978-80
(LIVE WEIGHT)

MONTH	1978			1979			1980		
	KING	SNOW	TOTAL	KING	SNOW	TOTAL	KING	SNOW	TOTAL
	MILLION POUNDS								
JANUARY	2.7	14.0	16.7	2.6	3.3	5.8	2.5	10.0	12.5
FEBRUARY	0.1	19.0	19.1	(1)	13.2	13.2	0.2	18.6	18.8
MARCH	1.0	35.5	36.6	0.8	39.0	39.8	0.1	30.8	31.0
1ST QTR	3.8	68.5	72.4	3.4	55.4	58.9	2.8	59.4	62.2
APRIL	(1)	32.3	32.3	(1)	39.1	39.1	0.1	23.3	23.4
MAY	-	19.3	19.3	-	25.7	25.7	(1)	26.9	26.9
JUNE	-	4.8	4.8	-	6.8	6.8	(1)	7.8	7.8
2ND QTR	(1)	56.3	56.4	(1)	71.6	71.6	0.1	58.1	58.2
JULY	0.6	0.4	1.0	2.9	1.9	4.8	-	1.5	1.5
AUGUST	3.9	(1)	3.9	1.3	-	1.3			
SEPTEMBER	38.7	(1)	38.7	46.5	0.1	46.6			
3RD QTR	43.2	0.4	43.6	50.7	2.0	52.7			
OCTOBER	65.6	(1)	65.7	82.8	0.1	82.8			
NOVEMBER	6.3	0.4	6.7	13.0	0.4	13.4			
DECEMBER	4.0	4.8	8.8	4.5	2.0	6.4			
4TH QTR	75.9	5.3	81.1	100.2	2.4	102.6			
YEAR	122.9	130.5	253.4	154.4	131.4	285.8			

(1) LESS THAN 50,000 POUNDS.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A35--Landings of west coast crabs, annual, 1960-79
(Live weight)

Year	King	Snow	Dungeness	Total
	Million pounds			
1960	28.6	-	36.2	64.8
1961	43.4	1/	32.7	76.1
1962	52.8	1/	23.4	76.2
1963	78.7	-	24.9	103.6
1964	86.7	1/	23.0	109.7
1965	131.7	-	28.9	160.6
1966	159.2	1/	39.7	198.9
1967	127.7	0.1	42.4	170.2
1968	82.0	3.2	44.0	129.2
1969	57.7	11.2	49.1	118.0
1970	52.1	14.5	58.5	125.1
1971	70.7	12.9	41.6	125.7
1972	94.2	46.0	28.2	169.4
1973	76.8	61.7	14.4	152.9
1974	97.6	64.1	16.1	177.8
1975	100.1	46.2	16.0	162.2
1976	105.8	80.7	35.8	222.3
1977	99.4	98.3	60.4	258.1
1978	130.2	129.5	39.3	299.1
1979	154.6	131.4	38.7	324.7

1/ Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.

Table A36.--U.S. exports of king crab, frozen, by country of destination, January-June and January-December, 1978-80
(Product weight)

Country	1978		1979		1980
	Jan.-June	Jan.-Dec.	Jan.-June	Jan.-Dec.	Jan.-June
	Thousand pounds				
Japan	290	27,567	697	32,863	2,056
Canada	470	994	580	1,291	1,034
Netherlands	298	611	264	526	256
Belgium/Lux.	28	249	393	634	222
Italy	-	-	-	21	103
Australia	77	225	50	152	41
France	2	58	34	167	39
Other	301	562	266	559	301
Total	1,466	30,266	2,284	36,219	4,052

TABLE A37.--WHOLESALE PRICES FOR KING AND SNOW CRAB MEAT, MONTHLY, 1976-80

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
KING CRAB, CHICAGO													
1976	4.13	4.14	4.29	4.44	4.65	4.73	-	-	-	5.88	5.93	5.99	4.91
1977	6.08	5.96	5.97	6.09	6.25	6.41	6.67	6.83	6.93	7.09	7.24	7.39	6.58
1978	7.74	7.88	7.93	8.40	8.67	8.96	-	9.90	9.98	9.87	9.79	9.51	8.96
1979	9.40	9.42	9.34	8.88	8.94	8.70	7.89	6.93	7.00	7.07	7.11	7.05	8.15
1980	6.93	6.77	6.54	6.55	6.80	6.98	7.05	7.46					
KING CRAB, NEW YORK													
1976	4.13	4.27	4.36	4.48	4.69	5.01	5.32	5.57	5.60	-	5.98	6.01	5.04
1977	6.01	5.93	5.92	6.14	6.35	6.60	6.69	6.88	7.01	7.23	7.20	7.59	6.63
1978	7.60	7.87	8.17	8.65	8.78	8.92	9.56	9.90	10.02	9.90	9.85	-	9.02
1979	9.42	9.28	8.99	8.81	8.80	8.66	7.37	6.91	6.89	6.96	7.00	6.99	8.01
1980	6.93	6.71	6.57	6.48	6.76	6.77	7.05	7.31					
SNOW CRAB, CHICAGO													
1976	2.63	2.63	-	-	3.45	3.45	-	-	3.72	3.72	3.72	3.78	3.39
1977	3.78	3.79	3.82	3.82	-	4.02	4.05	4.05	3.94	3.92	3.90	-	3.91
1978	-	-	-	-	5.14	5.30	5.38	-	-	5.60	5.61	5.65	5.45
1979	5.50	5.55	-	-	-	-	-	-	-	-	-	-	5.53
1980	-	5.47	-	-	-	-	-	-					
SNOW CRAB, NEW YORK													
1976	2.61	2.78	3.22	3.70	3.80	3.96	3.90	3.61	3.53	3.51	3.45	3.58	3.47
1977	3.60	3.92	3.90	3.88	3.89	4.11	4.10	4.07	3.84	3.85	3.86	3.95	3.91
1978	3.99	4.06	4.64	5.02	5.23	5.47	5.56	5.60	5.65	5.50	5.66	5.57	5.16
1979	5.51	5.40	5.51	5.59	5.69	5.75	5.63	5.53	5.34	5.31	5.21	5.19	5.47
1980	5.20	5.10	5.23	5.10	4.91	5.02	5.04	5.21					

TABLE A38.--LANDINGS OF BLUE CRABS (HARD), BY AREA, MONTHLY, 1978-80
(LIVE WEIGHT)

MONTH	CHESAPEAKE	SOUTH ATLANTIC	GULF	TOTAL
	THOUSAND POUNDS			
1978				
JANUARY	1,994	856	904	3,754
FEBRUARY	1,364	548	895	2,807
MARCH	755	3,103	2,843	6,701
1ST QTR	4,113	4,507	4,642	13,262
APRIL	880	3,585	2,434	6,899
MAY	2,576	4,204	3,123	9,903
JUNE	4,970	5,521	3,292	13,783
2ND QTR	8,426	13,310	8,849	30,585
JULY	8,343	6,339	3,862	18,544
AUGUST	9,742	6,132	4,079	19,953
SEPTEMBER	9,429	5,235	3,893	18,557
3RD QTR	27,514	17,706	11,834	57,054
OCTOBER	7,094	5,055	3,314	15,463
NOVEMBER	2,940	3,693	3,286	9,919
DECEMBER	2,559	1,965	2,292	6,816
4TH QTR	12,593	10,713	8,892	32,198
YEAR	52,646	46,236	34,217	133,099
1979				
JANUARY	1,014	403	1,486	2,903
FEBRUARY	969	590	2,144	3,703
MARCH	1,058	2,987	2,592	6,637
1ST QTR	3,041	3,980	6,222	13,243
APRIL	2,286	4,199	3,602	10,087
MAY	6,379	5,460	4,372	16,211
JUNE	9,889	6,316	4,745	20,950
2ND QTR	18,554	15,975	12,719	47,248
JULY	9,705	6,157	4,537	20,399
AUGUST	9,069	6,237	3,951	19,257
SEPTEMBER	7,333	5,895	3,348	16,576
3RD QTR	26,107	18,289	11,836	56,232
OCTOBER	6,471	4,892	2,915	14,278
NOVEMBER	3,941	3,161	2,717	9,819
DECEMBER	4,217	1,663	1,772	7,652
4TH QTR	14,629	9,716	7,404	31,749
YEAR	62,331	47,960	38,181	148,472
1980				
JANUARY	1,923	1,098	1,257	4,278
FEBRUARY	1,798	1,008	1,614	4,420
MARCH	1,319	1,962	1,605	4,886
1ST QTR	5,040	4,068	4,476	13,584
APRIL	3,897	4,653	2,515	11,065
MAY	3,371	5,567	3,223	12,161
JUNE	6,997	6,450	3,300	16,747
2ND QTR	14,265	16,670	9,038	39,973
JULY				
AUGUST				
SEPTEMBER				
3RD QTR				
OCTOBER				
NOVEMBER				
DECEMBER				
4TH QTR				
YEAR				

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A39.--Landings of blue crabs (hard) by area, annual, 1960-79
(Live weight)

Year	Middle Atlantic	Chesapeake	South Atlantic	Gulf	U.S. landings 1/
			Million pounds		
1960	3.6	66.3	44.8	34.9	149.6
1961	1.4	70.6	40.4	35.3	147.7
1962	3.4	81.3	38.7	25.9	149.3
1963	1.4	63.1	50.8	26.5	141.7
1964	0.9	74.1	52.0	25.3	152.3
1965	1.5	82.6	46.0	37.0	167.0
1966	1.3	94.1	40.5	31.0	166.8
1967	0.8	79.4	37.3	27.5	145.0
1968	0.4	54.2	33.3	25.8	113.6
1969	1.1	56.7	41.3	33.2	132.3
1970	1.4	67.4	42.7	34.0	145.4
1971	2.1	73.9	39.6	33.5	149.1
1972	4.0	72.0	36.2	35.2	147.5
1973	4.9	56.3	31.8	43.5	136.5
1974	5.0	65.5	38.3	40.4	149.2
1975	6.4	59.1	30.5	38.7	134.7
1976	6.3	45.2	27.4	36.6	115.4
1977	1.3	56.4	30.7	44.3	132.7
1978 2/	1.2	52.6	47.1	38.2	138.2
1979 2/	1.3	64.2	49.2	38.2	152.8

1/ The U.S. totals may include a very small amount of blue crabs landed in New England.
2/ Preliminary.
Note: Figures may not add to total because of rounding.

TABLE A40.--EXVESSEL, WHOLESALE, AND RETAIL PRICES FOR HARD BLUE CRABS, MONTHLY, 1976-80

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
						DOLLARS PER POUND							
EXVESSEL (1)													
1976	0.23	0.24	0.26	0.25	0.32	0.29	0.19	0.20	0.20	0.17	0.20	0.18	0.21
1977	0.30	0.34	0.35	0.44	0.38	0.28	0.22	0.19	0.15	0.15	0.15	0.17	0.20
1978	0.25	0.25	0.28	0.23	0.29	0.31	0.25	0.20	0.15	0.15	0.14	0.15	0.21
1979	0.29	0.34	0.32	0.23	0.22	0.20	0.20	0.17	0.16	0.13	0.14	0.14	0.18
1980	0.24	0.29	0.28	0.20	0.21	0.23							
WHOLESALE, MEAT (2) -- JUMBO LUMP													
1976	8.19	8.50	8.19	8.08	8.00	8.00	7.42	6.94	6.72	7.31	7.94	8.27	7.80
1977	8.78	9.19	9.35	9.44	9.25	8.65	8.19	8.03	7.94	7.97	8.00	8.16	8.58
1978	8.46	8.75	8.50	8.58	8.85	8.94	9.06	9.00	9.00	9.00	9.00	9.03	8.85
1979	9.50	9.50	9.80	9.75	9.63	9.71	9.75	9.38	9.50	9.50	9.38	9.06	9.54
1980	9.50	9.63	10.00	10.00	10.03	10.00	10.00	9.77					
WHOLESALE, MEAT (2) -- LUMP													
1976	7.00	7.31	6.50	6.53	6.88	6.50	6.50	6.00	5.60	5.63	5.95	6.96	6.45
1977	7.00	8.33	7.95	7.63	7.04	6.60	6.46	6.13	5.83	6.00	5.25	5.50	6.64
1978	6.50	7.33	6.83	6.58	6.53	6.66	6.50	6.50	6.50	6.50	6.50	6.50	6.62
1979	6.50	6.56	6.80	6.52	6.50	6.50	6.41	6.48	6.44	6.03	6.06	6.00	6.40
1980	6.74	7.31	7.44	7.50	6.16	6.29	6.45	6.52					
WHOLESALE, MEAT (2) -- LUMP/FLAKE MIXED													
1976	3.84	3.88	3.94	4.25	4.41	4.50	4.13	3.75	3.88	4.00	4.09	4.41	4.09
1977	4.91	5.00	5.23	5.45	5.19	4.73	4.63	4.28	4.29	4.09	4.19	4.00	4.67
1978	4.08	4.00	3.88	3.97	4.02	4.25	4.50	4.05	4.00	4.00	4.05	4.13	4.08
1979	4.00	4.00	-	4.25	4.13	4.00	4.09	4.04	4.13	4.28	4.03	4.13	4.10
1980	4.14	4.16	4.00	4.17	4.50	4.50	4.57	4.54					
						DOLLARS PER BUSHEL							
WHOLESALE, LIVE (2)													
1976	20.00	18.25	18.63	19.70	23.35	21.88	15.40	18.13	17.00	16.00	18.33	18.70	18.78
1977	21.67	25.50	25.00	30.25	32.00	26.70	23.25	25.13	19.13	17.50	19.60	17.38	23.59
1978	23.50	21.38	22.75	22.13	23.50	26.50	23.75	20.20	14.50	13.00	16.63	18.88	20.56
1979	22.25	26.75	24.80	19.75	18.80	19.75	20.50	19.00	16.63	16.13	19.63	21.88	20.49
1980	22.13	24.50	25.17	21.53	22.88	25.13	23.50	25.38					
						DOLLARS PER POUND							
RETAIL, MEAT (3)													
1976	4.71	4.46	4.68	4.99	5.20	5.79	5.04	4.76	5.51	5.24	5.64	5.99	5.17
1977	6.25	6.34	6.24	6.51	7.78	6.84	5.65	5.25	5.20	5.54	5.22	5.13	6.00
1978	5.22	5.51	5.31	5.11	5.36	5.54	5.84	5.08	5.51	5.65	5.25	5.39	5.40
1979	5.60	5.90	6.09	6.18	5.89	5.78	5.60	5.44	5.60	5.44	5.64	5.69	5.74
1980	6.15	6.64	6.99	6.82	6.40	6.26	6.39	6.21					

(1) WEIGHTED AVERAGE VALUE OF MARYLAND AND VIRGINIA LANDINGS, LIVE WEIGHT BASIS.
(2) AT NEW YORK, N.Y.
(3) AT BALTIMORE, MD.

TABLE A41.—LANDINGS OF EASTERN OYSTERS BY AREA, MONTHLY, 1978–80
(MEAT WEIGHT)

MONTH	CHESAPEAKE	SOUTH ATLANTIC	GULF	TOTAL
	THOUSAND POUNDS			
1978				
JANUARY	2,172	385	2,424	4,981
FEBRUARY	1,955	314	2,585	4,854
MARCH	2,861	324	2,291	5,476
1ST QTR	6,988	1,023	7,300	15,311
APRIL	854	181	1,977	3,012
MAY	502	1	1,440	1,943
JUNE	359	1	803	1,163
2ND QTR	1,715	183	4,220	6,118
JULY	253	-	623	876
AUGUST	221	-	529	750
SEPTEMBER	1,422	19	588	2,029
3RD QTR	1,896	19	1,740	3,655
OCTOBER	3,372	146	876	4,394
NOVEMBER	4,548	315	1,241	6,104
DECEMBER	3,949	387	1,404	5,740
4TH QTR	11,869	848	3,521	16,238
YEAR	22,468	2,073	16,781	41,322
1979				
JANUARY	2,291	385	1,831	4,507
FEBRUARY	669	424	1,913	3,006
MARCH	2,909	325	1,752	4,986
1ST QTR	5,869	1,134	5,496	12,499
APRIL	788	226	1,702	2,716
MAY	288	9	1,299	1,596
JUNE	60	2	751	813
2ND QTR	1,136	237	3,752	5,125
JULY	191	1	570	762
AUGUST	218	-	550	768
SEPTEMBER	1,044	2	831	1,877
3RD QTR	1,453	3	1,951	3,407
OCTOBER	2,986	116	1,134	4,236
NOVEMBER	2,550	297	1,475	4,322
DECEMBER	2,274	454	1,481	4,209
4TH QTR	7,810	867	4,090	12,767
YEAR	16,268	2,241	15,289	33,798
1980				
JANUARY	2,354	420		
FEBRUARY	1,438	406		
MARCH	1,479	341		
1ST QTR	5,271	1,167		
APRIL	335	219		
MAY	-	-		
JUNE	23	-		
2ND QTR	358	219		
JULY				
AUGUST				
SEPTEMBER				
3RD QTR				
OCTOBER				
NOVEMBER				
DECEMBER				
4TH QTR				
YEAR				

NOTE: FIGURES FOR 1979 AND 1980 ARE PRELIMINARY.
FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

TABLE A42.—U.S. IMPORTS OF OYSTERS BY PRODUCT TYPE, MONTHLY, 1978–80
(PRODUCT WEIGHT)

MONTH	IN AIRTIGHT CONTAINERS		NOT IN AIRTIGHT CONTAINERS	TOTAL
	NOT SMOKED	SMOKED		
	THOUSAND POUNDS			
1978				
JANUARY	80	100	13	193
FEBRUARY	131	51	14	196
MARCH	25	58	22	105
1ST QTR	236	209	49	494
APRIL	558	302	334	1,194
MAY	1,349	462	584	2,395
JUNE	2,456	1,133	989	4,578
2ND QTR	4,363	1,897	1,907	8,167
JULY	2,585	1,091	837	4,513
AUGUST	2,861	513	304	3,678
SEPTEMBER	1,813	924	264	3,001
3RD QTR	7,259	2,528	1,405	11,192
OCTOBER	1,258	603	63	1,924
NOVEMBER	648	219	48	915
DECEMBER	640	331	7	978
4TH QTR	2,546	1,153	118	3,817
YEAR	14,404	5,787	3,479	23,670
1979				
JANUARY	726	139	101	966
FEBRUARY	534	127	14	675
MARCH	508	219	3	730
1ST QTR	1,768	485	118	2,371
APRIL	302	2	526	830
MAY	812	206	954	1,972
JUNE	681	303	1,226	2,210
2ND QTR	1,795	511	2,706	5,012
JULY	920	620	935	2,475
AUGUST	1,963	837	436	3,236
SEPTEMBER	1,073	730	149	1,952
3RD QTR	3,956	2,187	1,520	7,663
OCTOBER	1,760	494	52	2,306
NOVEMBER	878	379	19	1,276
DECEMBER	416	422	22	860
4TH QTR	3,054	1,295	93	4,442
YEAR	10,573	4,478	4,437	19,488
1980				
JANUARY	974	386	16	1,376
FEBRUARY	143	176	7	326
MARCH	280	37	9	326
1ST QTR	1,397	599	32	2,028
APRIL	507	117	143	767
MAY	527	214	240	981
JUNE	743	346	196	1,285
2ND QTR	1,777	677	579	3,033
JULY	917	654	175	1,746
AUGUST				
SEPTEMBER				
3RD QTR				
OCTOBER				
NOVEMBER				
DECEMBER				
4TH QTR				
YEAR				

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A43.--Landings of oysters, by area and type, annual, 1960-79
(Meat weight)

Year	Eastern oysters					Pacific	Western	Total
	Chesapeake	South Atlantic	Gulf	Other	Total			
	Thousand pounds							
1960	27,111	4,119	16,098	1,654	48,982	10,983	45	60,010
1961	27,500	3,984	18,240	2,389	52,113	10,154	38	62,305
1962	19,939	3,850	18,838	2,670	45,297	10,714	26	56,037
1963	18,274	4,837	24,139	1,417	48,667	9,746	31	58,444
1964	22,098	3,527	23,385	1,556	50,566	9,934	34	60,534
1965	21,188	4,082	19,156	1,105	45,531	9,117	40	54,688
1966	21,232	3,657	17,182	1,338	43,409	7,779	35	51,223
1967	25,798	3,160	21,747	1,526	52,213	7,682	44	59,957
1968	22,679	2,965	26,739	1,749	54,132	7,696	58	61,886
1969	22,157	1,830	19,765	1,491	45,243	9,916	40	52,199
1970	24,668	1,626	17,714	1,620	45,628	7,915	59	53,602
1971	25,557	1,846	20,266	2,169	49,838	8,048	52	57,938
1972	24,066	1,868	18,260	3,473	47,667	8,362	29	56,058
1973	25,400	1,656	14,914	3,363	45,333	6,576	22	51,931
1974	25,021	1,841	14,878	3,385	45,125	4,970	22	50,117
1975	21,498	1,595	19,639	3,454	46,186	6,977	2/	53,163
1976	21,909	1,678	20,620	4,144	48,351	6,040	2/	54,391
1977 1/	17,929	1,847	18,081	2,579	40,436	5,590	2/	46,026
1978	21,531	2,138	18,212	3,302	45,183	5,800	2/	50,983
1979	20,428	2,441	15,289	4,167	42,325	5,756	2/	48,081

1/ Preliminary.
2/ Landings of western oysters included with landings of Pacific oysters.
Note: Figures may not add to total because of rounding.

TABLE A44.--FIRST-OF-THE-MONTH COLD STORAGE HOLDINGS OF OYSTERS, MONTHLY, 1975-80
(MEAT WEIGHT)

MONTH	1975	1976	1977	1978	1979	1980
	THOUSAND POUNDS					
JANUARY	1,570	1,445	1,054	2,182	2,114	1,163
FEBRUARY	1,675	1,231	1,053	2,540	1,889	1,597
MARCH	2,000	1,110	1,239	1,810	2,193	1,275
APRIL	2,109	1,875	1,603	2,160	2,504	1,439
MAY	2,104	2,301	1,861	2,599	2,540	1,593
JUNE	1,551	2,324	2,015	2,483	2,221	2,319
JULY	1,880	2,626	2,322	2,600	2,402	2,207
AUGUST	2,568	2,617	2,252	2,647	2,059	2,129
SEPTEMBER	2,287	2,182	1,789	2,188	1,803	
OCTOBER	2,116	1,974	2,488	2,324	1,801	
NOVEMBER	1,928	1,562	2,339	2,145	1,495	
DECEMBER	1,925	1,372	1,947	1,721	1,294	

Table A45.--U.S. imports of oysters by product type, annual, 1960-79
(Product weight)

Year	In airtight containers		Not in airtight containers	Total
	Not smoked	Smoked		
	Thousand pounds			
1960	7,025	1/	2,586	9,611
1961	7,701	1/	2,905	10,606
1962	7,830	1/	1,960	9,790
1963	5,241	3,014	8,670	16,925
1964	4,783	2,671	991	8,445
1965	5,051	3,070	1,290	9,411
1966	7,014	4,524	1,138	12,676
1967	11,329	4,199	3,581	19,109
1968	8,911	4,627	3,754	16,372
1969	10,793	4,642	1,439	16,864
1970	6,930	4,147	2,104	13,181
1971	4,257	4,056	1,206	9,519
1972	14,032	5,248	1,959	21,239
1973	14,302	3,581	2,503	20,386
1974	11,359	3,549	2,663	17,572
1975	6,710	3,767	3,399	13,876
1976	7,266	4,551	3,635	15,452
1977	10,845	5,555	3,141	19,540
1978	14,402	5,787	3,188	23,668
1979	10,573	4,478	4,437	19,488

1/ Included in the category "not smoked".
Note: Figures may not add to total because of rounding.

Table A46.--Production of fresh and frozen oysters, annual, 1960-79
(Product weight)

Year	Shucked			Steamed eastern	Breaded		Other
	Eastern	Pacific	Western		Eastern	Pacific	
	Thousand gallons			Thousand pounds			
1960	4,143	1,117	5	547	2,709	-	1,172
1961	3,743	1,014	4	555	2,256	-	1,055
1962	3,885	1,183	5	446	2,329	na	139
1963	3,638	1,030	5	85	2,812	50	977
1964	4,139	1,126	6	113	3,111	63	1,058
1965	3,575	944	6	610	2,997	129	1,294
1966	3,604	783	5	697	3,610	44	604
1967	3,840	757	4	852	4,126	na	869
1968	4,150	778	6	1,003	5,151	na	814
1969	4,104	769	5	na	4,424	na	450
1970	4,563	750	6	na	4,915	na	809
1971	4,809	716	6	672	4,044	1/	661
1972	4,526	668	4	680	4,099	1/	589
1973	4,209	583	2	985	4,607	1/	516
1974	3,987	500	3	959	2,708	61	398
1975	4,639	526	3	719	3,142	92	409
1976	4,804	612	2	1/	3,819	13	433
1977	4,525	706	1	1/	3,801	17	na
1978	4,882	676	1	1/	3,421	52	na

1/ Included with other.
na - Not available.

Table A47.--Supplies and utilization of oysters, annual, 1960-79
(Meat weight)

Year	Supplies				Utilization	
	Beginning stocks	Landings	Imports 1/	Total	Ending stocks	Apparent consumption
	-Million pounds-					
1960	0.8	60.0	14.2	75.1	0.9	74.1
1961	.9	62.3	15.7	78.9	.8	78.1
1962	.8	56.0	15.2	72.0	.7	71.3
1963	.7	58.4	20.8	79.9	1.4	78.5
1964	1.4	60.5	13.5	75.5	1.1	74.4
1965	1.1	54.7	15.2	71.0	.6	70.3
1966	.6	51.2	21.5	73.3	2.1	71.3
1967	2.1	60.0	26.3	88.3	1.4	86.9
1968	1.4	61.9	24.9	88.2	1.8	86.4
1969	1.8	52.2	25.6	79.6	1.2	78.4
1970	1.2	53.6	21.0	75.8	1.0	74.8
1971	1.0	57.9	17.5	76.4	.7	75.7
1972	.7	56.1	30.9	87.6	.8	86.8
1973	.8	51.9	26.4	79.1	3.3	75.8
1974	3.3	50.1	23.6	77.0	1.6	75.4
1975	1.6	53.2	20.5	75.3	1.4	73.8
1976	1.4	54.4	23.7	79.5	1.1	78.5
1977	1.1	46.0	29.8	76.9	2.2	74.7
1978	2.2	51.0	33.8	87.0	2.1	84.9
1979	2.1	48.1	27.1	77.3	1.2	76.1

1/ Includes oysters in airtight containers (smoked and other) and fresh and frozen oysters, converted to meat weight.
Note: Figures may not add to total because of rounding.

TABLE A48.—EXVESSEL, WHOLESALE, AND RETAIL PRICES OF OYSTER MEATS, MONTHLY, 1976-80

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
EXVESSEL (1)													
1976	0.97	0.96	0.88	1.10	1.04	0.98	1.05	1.09	0.98	1.02	1.12	1.21	1.04
1977	1.40	1.46	1.09	1.15	1.26	1.22	1.14	1.28	0.99	0.99	1.07	1.13	1.11
1978	1.21	1.21	1.12	1.22	1.33	1.34	1.22	1.13	1.00	1.03	1.05	1.08	1.11
1979	1.11	1.24	1.09	1.23	1.39	1.31	1.26	1.19	1.20	1.28	1.34	1.35	1.24
1980	1.30	1.34	1.33	1.43	-	1.38							
	DOLLARS PER GALLON												
WHOLESALE, EASTERN (2)													
1976	12.75	12.75	12.00	12.75	12.75	13.50	14.50	13.50	14.50	14.50	14.50	14.75	13.56
1977	14.75	16.50	14.50	15.75	15.75	16.50	16.50	17.00	17.00	16.75	16.50	16.24	16.14
1978	16.50	16.24	16.50	15.74	16.24	16.75	16.75	17.00	17.00	17.25	17.25	16.75	16.66
1979	16.75	16.75	16.75	16.50	16.75	17.00	17.00	17.75	17.75	18.50	18.50	18.50	17.38
1980	19.00	18.50	18.25	18.25	18.25	18.75	19.00	19.00	19.50				
WHOLESALE, OLYMPIA (3)													
1976	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50
1977	57.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	70.33
1978	71.50	71.50	85.38	90.00	90.00	90.00	90.00	90.00	90.00	92.50	100.00	100.00	88.41
1979	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1980	135.00	135.00	135.00	135.00	-	-	-	-					
WHOLESALE, PACIFIC (3)													
1976	10.90	10.90	10.90	10.90	10.90	10.90	11.05	11.20	11.20	11.29	11.64	11.65	11.12
1977	11.65	11.65	12.03	12.40	12.40	12.40	13.46	13.45	13.45	13.35	13.20	13.45	12.74
1978	13.45	13.45	14.24	14.46	14.45	14.45	14.45	14.45	14.45	14.79	15.80	15.80	14.52
1979	15.80	15.80	15.80	15.80	16.80	16.80	16.80	16.80	16.80	16.80	16.80	16.80	16.47
1980	17.35	17.90	17.90	17.90	-	-	-	-					
	DOLLARS PER 12-OZ. CAN												
RETAIL, EASTERN (4)													
1976	2.04	1.99	1.98	1.99	-	-	-	-	2.29	2.22	2.22	2.24	2.12
1977	2.29	2.43	2.39	2.24	-	-	-	-	-	2.44	2.37	2.34	2.36
1978	2.40	2.38	2.39	2.41	-	-	-	-	-	2.59	2.53	2.56	2.47
1979	2.59	2.51	2.54	2.55	-	-	-	-	-	2.69	2.83	2.83	2.65
1980	2.89	2.84	2.87	2.89	-	-	-	-					

(1) WEIGHTED AVERAGE VALUE OF MARYLAND AND VIRGINIA LANDINGS.
(2) STANDARDS, AT NORFOLK, VA.
(3) AT SEATTLE, WASH.
(4) STANDARDS, AT BALTIMORE, MD.

Table A49--Total landings of clams by species, annual, 1960-79
(Meat weight)

Year	Hard	Soft	Surf	Other	Total
	Thousand pounds				
1960	14,877	8,579	25,071	1,045	49,572
1961	14,604	7,363	27,502	861	50,330
1962	13,295	9,396	20,854	624	54,169
1963	14,529	9,754	38,586	534	63,403
1964	14,925	11,030	38,144	365	64,464
1965	15,044	11,038	44,088	409	70,849
1966	15,324	11,919	45,113	395	72,751
1967	16,182	9,823	45,054	441	71,500
1968	15,426	10,368	40,552	900	67,246
1969	16,154	13,481	49,575	1,535	80,745
1970	16,015	12,908	67,318	2,963	99,204
1971	16,666	12,652	52,535	2,636	84,489
1972	16,153	9,078	63,471	1,987	90,689
1973	14,505	8,627	82,370	2,038	107,540
1974	15,008	8,594	96,110	1,001	120,713
1975	14,827	8,759	86,919	1,779	112,284
1976	15,600	10,540	49,133	5,728	81,001
1977	15,433	10,683	51,036	19,008	96,160
1978	13,295	10,091	39,237	25,088	87,711
1979	12,058	8,585	34,912	36,683	92,238

Note: Figures may not add to total because of rounding.

Table A50--Total landings of clams by region, annual 1960-79
(Meat weight)

Year	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf	Pacific	Other	Total
	Thousand pounds							
1960	8,123	31,776	7,823	531	18	1,301	1/	49,572
1961	7,370	34,157	7,084	603	15	1,101	1/	50,330
1962	6,346	37,448	8,918	309	226	921	1	54,169
1963	6,896	45,801	9,508	406	7	784	1	63,403
1964	6,398	46,016	10,987	402	72	589	1/	64,464
1965	6,535	52,240	10,878	404	114	677	1	70,849
1966	7,459	54,895	9,501	310	4	582	1/	72,751
1967	7,172	54,521	8,548	320	354	585	-	71,500
1968	7,424	45,259	13,322	289	417	535	-	67,246
1969	8,687	52,383	17,942	423	647	663	-	80,745
1970	11,077	63,304	22,690	491	770	872	-	99,204
1971	11,196	51,453	20,414	413	103	910	-	84,489
1972	10,881	43,545	34,189	395	215	1,464	-	90,689
1973	11,738	40,866	52,861	619	244	1,212	-	107,540
1974	9,633	42,444	66,572	560	-	1,770	-	120,713
1975	10,833	53,037	46,642	581	-	1,191	-	112,284
1976	12,778	42,681	23,866	584	40	1,052	-	81,001
1977	14,673	50,431	28,458	1,066	-	1,532	-	96,160
1978	12,767	43,110	27,905	1,191	-	2,738	-	87,711
1979	12,443	45,799	30,309	1,698	-	1,801	-	92,050

1/ Less than 500 pounds.
Note: Figures may not add to total because of rounding.

Table A51--Total landings of surf clams by state, annual, 1960-79
(Meat weight)

Year	New York	New Jersey	Delaware	Maryland	Virginia	Other	Total
	Thousand pounds						
1960	722	23,448	478	420	-	3	25,071
1961	722	26,697	-	71	-	12	27,502
1962	840	29,830	99	75	-	10	30,854
1963	974	37,548	-	64	-	-	38,586
1964	1,218	36,875	-	38	-	13	38,144
1965	1,505	42,307	-	275	-	1	44,088
1966	1,840	43,174	-	64	-	35	45,113
1967	2,305	41,584	-	1,149	-	16	45,054
1968	3,008	32,181	-	5,328	17	18	40,552
1969	3,431	36,039	2,757	7,127	208	13	49,575
1970	4,182	39,669	8,734	13,681	889	163	67,318
1971	3,688	28,721	7,694	7,752	4,507	173	52,535
1972	2,713	21,332	8,551	7,330	23,384	161	63,471
1973	3,319	21,588	6,630	7,448	43,323	62	82,370
1974	3,951	22,657	5,817	5,426	58,220	39	96,110
1975	4,580	35,550	2,314	5,351	39,088	36	86,919
1976	3,455	24,378	-	7,135	14,064	101	49,133
1977	3,425	23,129	-	8,393	15,791	298	51,036
1978	2,398	15,223	-	8,367	12,778	471	39,237
1979	1,456	12,325	-	7,757	12,609	765	34,912

Note: Figures may not add to total because of rounding.

Table A52--Total landings of hard clams by state, annual, 1960-79
(Meat weight)

Year	Mass.	Rhode Island	New York	New Jersey	Virginia	Other	Total
	Thousand pounds						
1960	1,401	3,210	3,888	2,552	1,661	2,165	14,877
1961	1,664	2,608	4,291	1,687	1,861	2,493	14,604
1962	1,319	2,140	4,836	1,340	1,690	1,970	13,295
1963	1,474	2,224	5,311	1,584	2,096	1,840	14,529
1964	1,440	1,827	5,402	1,894	2,453	1,909	14,925
1965	1,060	2,029	5,948	1,873	2,487	1,647	15,044
1966	1,322	1,605	6,581	2,675	1,860	1,281	15,324
1967	1,390	1,268	7,066	2,878	1,860	1,720	16,182
1968	1,151	1,289	6,986	2,552	1,869	1,579	15,426
1969	1,159	1,232	7,516	2,264	1,903	2,080	16,154
1970	1,257	1,080	7,906	2,576	1,331	1,865	16,015
1971	1,175	1,068	8,549	2,476	1,837	1,561	16,666
1972	1,067	880	8,500	2,196	1,338	2,172	16,153
1973	1,237	925	7,246	1,894	1,354	1,849	14,505
1974	975	844	8,028	1,741	1,114	2,305	15,008
1975	850	1,120	8,668	1,620	1,088	1,481	14,827
1976	1,000	1,532	9,028	1,492	894	1,654	15,600
1977	900	1,586	8,530	1,068	1,020	2,329	15,433
1978	800	1,909	7,257	805	496	2,028	13,295
1979	613	2,186	5,741	898	661	1,941	12,058

Note: Figures may not add to total because of rounding.

Table A53--Total landings of soft clams by state, annual 1960-79
(Meat weight)

Year	Maine	Mass.	Maryland	Other	Total
	Thousand pounds				
1960	2,074	731	5,569	205	8,579
1961	1,844	653	4,692	174	7,363
1962	1,981	530	6,767	118	9,396
1963	1,832	948	6,859	115	9,754
1964	1,798	801	8,164	267	11,030
1965	1,964	1,055	7,654	365	11,038
1966	3,008	1,045	7,007	859	11,919
1967	3,176	990	5,212	445	9,823
1968	3,332	1,130	5,579	327	10,368
1969	4,135	1,177	7,910	259	13,481
1970	5,259	1,189	5,221	239	12,908
1971	5,250	1,165	5,986	251	12,652
1972	6,142	799	1,949	188	9,078
1973	7,260	530	668	169	8,627
1974	5,903	500	1,766	425	8,594
1975	6,547	750	1,057	405	8,759
1976	7,368	1,225	1,743	204	10,540
1977	7,835	1,100	1,602	146	10,683
1978	6,007	550	3,359	175	10,091
1979	5,193	451	2,693	248	8,585

Note: Figures may not add to total because of rounding.

Table A54.--Supplies and Utilization of clams, annual, 1960-79
(Meat weight)

Year	Supplies				Utilization	
	Beginning stocks	Landings	Imports 1/	Total	Ending stocks	Apparent consumption
	Million pounds					
1960	na	49.6	1.4	51.0	na	51.0
1961	na	50.3	2.1	52.5	na	52.5
1962	na	54.2	1.6	55.8	na	55.8
1963	na	63.4	1.6	65.0	na	65.0
1964	na	64.5	1.5	66.0	na	66.0
1965	na	70.8	1.5	72.4	na	72.4
1966	na	72.8	2.1	74.8	na	74.8
1967	na	71.5	1.8	73.3	na	73.3
1968	na	67.2	2.0	69.3	na	69.3
1969	na	80.7	2.9	83.6	na	83.6
1970	na	99.2	4.9	104.1	na	104.1
1971	na	84.5	4.2	88.1	na	88.1
1972	na	90.7	5.1	95.8	na	95.8
1973	na	107.5	4.3	111.8	na	111.8
1974	2.1 2/	120.7	4.9	127.7	2.5	125.2
1975	2.5	112.3	2.4	117.2	1.9	115.3
1976	1.9	81.0	6.7	89.6	2.4	87.2
1977	2.4	96.2	8.4	107.0	4.4	102.6
1978	4.5	87.7	6.1	98.3	4.5	93.8
1979	4.5	92.2	7.6	104.4	4.6	99.7

1/ Includes fresh and frozen and canned clam imports converted to meat weight equivalent.
2/ Holdings as of January 31, 1974; figures for January 1 not available
na - Not available.
Note: Figures may not add to total because of rounding.

TABLE A55.--SUPPLY AND USE OF CLAMS, MONTHLY, 1978-80
(MEAT WEIGHT)

MONTH	SUPPLY							USE	
	BEGINNING STOCKS	LANDINGS (1)					IMPORTS (2)	TOTAL SUPPLY	ENDING STOCKS	APPARENT CONSUMPTION
		HARD	SOFT	SURF	QUAHOG	TOTAL				
	MILLION POUNDS									
1978										
JANUARY	4.5	0.5	0.3	4.3	1.3	6.4	0.7	11.5	4.8	6.7
FEBRUARY	4.8	0.6	0.4	3.6	1.6	6.1	0.9	11.8	4.4	7.5
MARCH	4.4	0.9	0.6	2.1	1.7	5.3	0.3	9.9	3.9	6.1
1ST QTR	4.5	2.0	1.2	10.0	4.6	17.7	1.9	24.1	3.9	20.2
APRIL	3.9	0.9	1.2	4.7	1.7	8.4	0.4	12.7	4.1	8.5
MAY	4.1	1.2	1.1	4.4	1.6	8.3	0.5	13.0	4.5	8.5
JUNE	4.5	1.4	1.1	2.5	1.7	6.6	0.4	11.5	5.4	6.1
2ND QTR	3.9	3.5	3.4	11.6	5.0	23.4	1.3	28.6	5.4	23.2
JULY	5.4	1.6	1.3	2.7	1.2	6.7	0.6	12.7	5.4	7.3
AUGUST	5.4	1.5	1.0	3.7	1.4	7.6	0.3	13.3	5.1	8.2
SEPTEMBER	5.1	1.1	0.9	2.6	1.7	6.3	0.5	11.9	4.8	7.2
3RD QTR	5.4	4.2	3.1	9.0	4.3	20.6	1.5	27.5	4.8	22.7
OCTOBER	4.8	1.0	0.5	4.0	2.3	7.8	0.7	13.2	3.9	9.3
NOVEMBER	3.9	0.8	0.5	2.6	2.2	6.0	0.4	10.3	4.4	5.9
DECEMBER	4.4	0.7	0.9	2.1	1.5	5.3	0.4	10.1	4.5	5.6
4TH QTR	4.8	2.5	1.9	8.6	6.0	19.1	1.4	25.2	4.5	20.8
YEAR	4.5	12.1	9.7	39.1	19.9	80.8	6.1	91.4	4.5	86.9
1979										
JANUARY	4.5	0.7	0.3	2.3	1.5	4.7	0.4	9.6	3.8	5.8
FEBRUARY	3.8	0.6	0.2	1.7	1.7	4.2	0.4	8.4	3.5	4.9
MARCH	3.5	0.9	0.5	4.2	2.4	8.0	0.6	12.1	3.5	8.5
1ST QTR	4.5	2.1	1.0	8.1	5.7	16.9	1.4	22.8	3.5	19.3
APRIL	3.5	0.9	0.8	3.3	2.3	7.4	0.5	11.4	3.7	7.7
MAY	3.7	1.2	0.7	3.2	2.8	7.9	0.7	12.3	3.9	8.4
JUNE	3.9	1.4	1.2	2.6	2.4	7.5	0.7	12.2	4.2	8.0
2ND QTR	3.5	3.4	2.8	9.2	7.4	22.8	2.0	28.3	4.2	24.1
JULY	4.2	1.4	1.0	3.5	2.0	8.0	1.1	13.3	4.5	8.8
AUGUST	4.5	1.4	1.1	3.7	1.9	8.0	0.7	13.1	4.4	8.7
SEPTEMBER	4.4	1.0	0.9	2.6	2.6	7.0	0.9	12.3	4.9	7.4
3RD QTR	4.2	3.8	2.9	9.8	6.4	22.9	2.6	29.8	4.9	24.9
OCTOBER	4.9	1.0	0.6	3.8	3.3	8.6	0.5	14.0	5.4	8.6
NOVEMBER	5.4	0.7	0.6	2.0	2.0	5.3	0.4	11.0	4.9	6.2
DECEMBER	4.9	0.7	0.4	1.7	2.8	5.6	0.4	10.9	4.6	6.3
4TH QTR	4.9	2.4	1.5	7.5	8.1	19.5	1.3	25.7	4.6	21.1
YEAR	4.5	11.7	8.3	34.6	27.6	82.2	7.2	93.9	4.6	89.3
1980										
JANUARY	4.6	1.4	0.7	2.2	2.0	6.3	0.4	11.2	3.6	7.7
FEBRUARY	3.6	1.4	0.4	2.8	3.0	7.6	0.7	11.9	3.0	8.9
MARCH	3.0	1.3	0.5	2.4	2.2	6.5	1.0	10.4	2.7	7.7
1ST QTR	4.6	4.1	1.6	7.5	7.2	20.3	2.1	27.0	2.7	24.3
APRIL	2.7	1.6	0.4	2.4	1.8	6.2	0.3	9.2	2.9	6.3
MAY	2.9	1.9	0.7	3.7	2.9	9.2	0.3	12.4	3.5	8.9
JUNE	3.5	1.8	0.9	3.7	2.6	9.0	0.3	12.9	5.1	7.7
2ND QTR	2.7	5.3	2.0	9.8	7.3	24.4	1.0	28.0	5.1	22.9
JULY	5.1						0.2		4.0	
AUGUST	4.0									
SEPTEMBER										
3RD QTR										
OCTOBER										
NOVEMBER										
DECEMBER										
4TH QTR										
YEAR										

(1) LANDINGS DATA ARE PRELIMINARY, AND INCLUDE ONLY THE SPECIFIED CLAMS THAT ARE LANDED ON THE EAST COAST FROM MAINE TO GEORGIA, EXCLUDING NEW HAMPSHIRE, CONNECTICUT, AND DELAWARE.
(2) INCLUDES FRESH AND FROZEN AND CANNED CLAM IMPORTS CONVERTED TO MEAT WEIGHT EQUIVALENT.

NOTE: FIGURES MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

Table A56 --Production of canned clams by type of pack, annual, 1960-79 1/

Year	Whole	Minced	Chowder	Juice	Total
	-Thousand standard cases-				
1960	27	714	1,253	63	2,057
1961	15	446	1,347	97	1,904
1962	13	586	1,399	102	2,100
1963	9	540	1,580	104	2,232
1964	15	563	1,601	121	2,301
1965	13	599	1,802	145	2,559
1966	14	573	1,891	142	2,620
1967	15	675	1,690	157	2,536
1968	11	497	1,676	131	2,315
1969	7	425	1,724	157	2,313
1970	7	573	1,665	228	2,473
1971	6	629	1,867	182	2,683
1972	4	700	1,953	208	2,865
1973	3	921	2,254	309	3,488
1974	2	884	2,236	263	3,386
1975	2/	904	1,903	177	2,985
1976	2/	517	1,889	3/	2,406
1977	2/	761	2,069	3/	2,880
1978	2/	660	1,963	3/	2,623
1979	3/	793	2,156	3/	2,949

1/ Excludes various canned specialties.
2/ Whole included with minced.
3/ Juice included with chowder.

Note: Figures may not add to total because of rounding.

Table A57.--Production of fresh and frozen shucked clams, annual, 1960-78

Year	Surf 1/	Razor	Soft	Total
	-Million pounds-			
1960	1,568	8	587	2,163
1961	1,967	12	605	2,584
1962	2,374	12	301	2,687
1963	2,256	13	755	3,024
1964	1,892	14	786	2,692
1965	2,649	20	820	3,489
1966	2,822	2	949	3,773
1967	3,019	2	897	3,918
1968	2,321	5	892	3,128
1969	4,937	7	850	5,794
1970	5,640	30	769	6,439
1971	6,335	28	719	7,082
1972	4,542	16	449	5,007
1973	5,508	18	499	6,025
1974	7,997	23	573	8,593
1975	5,839	11	606	6,456
1976	5,911	8	617	6,536
1977	5,845	173	604	6,622
1978	5,923	na	566	6,489

1/ Includes hard, surf, and ocean quahog. Breakdown for 1976: hard 87; ocean quahog, 403; and surf, 5,421.
Note: Figures may not add to total because of rounding.

Table A58.--Production of fresh and frozen clam specialties, annual, 1960-78
(Product weight)

Year	Breaded, raw and cooked					Other raw and cooked 2/
	Breaded	Strips	Cakes & patties	Stuffed	Other 1/	
	Thousand pounds					
1960	na	na	na	na	na	1,648
1961	na	na	na	na	na	2,074
1962	na	na	na	na	na	2,632
1963	1,817	na	na	na	na	3,909
1964	2,149	na	na	na	na	1,514
1965	2,710	na	na	na	na	1,489
1966	1,544	na	na	na	na	3,881
1967	1,839	na	na	429	na	3,767
1968	6,295	na	na	368	na	6,350
1969	8,844	na	1,215	650	na	2,798
1970	5,273	na	1,547	462	469	477
1971	4,141	na	1,666	359	1,304	287
1972	-	9,784	1,302	294	484	258
1973	-	11,677	2,391	497	1,060	309
1974	-	13,471	1,729	567	1,131	296
1975	-	19,069	1,391	202	1,451	192
1976	-	17,186	836	-	974	124
1977	-	16,597	180	32	728	123
1978	-	15,638	409	1,024	534	857

na - Not available.
1/ Includes burger, croquettes, deviled, sticks, and in sauces.
2/ Through 1969 includes breaded as well as other raw and cooked. From 1970 includes cooked, cocktails, chowder, and juice.

TABLE A59.--EXVESSEL PRICES FOR HARD, SOFT, SURF, AND OCEAN QUAHOG CLAM MEATS, MONTHLY, 1976-80

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER POUND												
HARD (1)													
1976	2.41	2.20	2.25	1.71	2.00	2.03	2.00	1.97	2.11	1.80	1.75	2.14	2.01
1977	3.43	2.50	2.02	1.68	1.73	1.83	2.09	2.41	2.42	1.94	2.12	2.15	2.12
1978	3.27	2.86	2.56	1.88	2.08	2.07	2.33	2.64	2.79	2.31	2.50	3.04	2.44
1979	3.33	3.25	3.26	2.51	2.90	2.49	2.67	3.63	3.04	3.44	3.52	3.75	3.06
1980	3.83	3.93	3.55	3.70	3.69	3.54							
SOFT (2)													
1976	1.47	1.16	0.96	0.95	1.08	1.08	1.30	1.30	1.16	1.02	1.06	1.14	1.12
1977	1.27	1.27	1.13	1.09	1.01	1.09	1.42	1.36	1.47	1.39	1.25	1.36	1.25
1978	1.35	1.35	1.38	1.10	0.95	0.93	1.29	1.52	1.64	1.58	1.57	1.44	1.29
1979	1.57	1.51	1.55	1.31	1.42	1.45	1.56	1.84	1.90	1.63	1.76	1.60	1.59
1980	1.60	1.67	1.51	1.44	1.46	1.44							
SURF (3)													
1976	0.24	0.26	0.34	0.36	0.52	0.54	0.55	0.58	0.58	0.57	0.58	0.52	0.44
1977	0.52	0.51	0.55	0.54	0.62	0.59	0.47	0.44	0.44	0.45	0.45	0.48	0.51
1978	0.44	0.40	0.40	0.53	0.52	0.58	0.58	0.48	0.58	0.58	0.58	0.42	0.50
1979	0.42	0.42	0.47	0.48	0.58	0.58	0.59	0.59	0.57	0.58	0.52	0.30	0.51
1980	0.40	0.40	0.52	0.52	0.50	0.43							
OCEAN QUAHOG (4)													
1976	0.22	0.22	0.24	0.24	0.24	0.23	0.23	0.27	0.27	0.27	0.28	-	0.25
1977	0.30	0.30	0.30	0.28	0.28	0.27	0.27	0.27	0.29	0.28	0.29	0.31	0.28
1978	0.31	0.30	0.30	0.28	0.28	0.28	0.28	0.29	0.28	0.29	0.29	0.29	0.29
1979	0.30	0.29	0.30	0.31	0.31	0.30	0.31	0.31	0.30	0.32	0.38	0.38	0.31
1980	0.34	0.34	0.34	0.29	0.29	0.28							

(1) WEIGHTED AVERAGE, NEW YORK.
(2) WEIGHTED AVERAGE, MAINE AND MARYLAND.
(3) WEIGHTED AVERAGE, NEW JERSEY.
(4) WEIGHTED AVERAGE, RHODE ISLAND.

TABLE A60.--WHOLESALE PRICES OF HARD, SOFT, AND SURF CLAMS, AT NEW YORK, MONTHLY, 1976-80

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE
	DOLLARS PER BUSHEL												
HARD, CHOWDERS													
1976	10.31	9.88	7.70	7.44	7.31	7.50	7.01	7.56	7.88	8.55	8.81	10.00	8.33
1977	12.88	13.00	9.50	8.35	8.06	8.15	7.81	8.40	8.50	8.56	8.31	10.56	9.34
1978	11.56	13.06	10.31	9.38	9.90	9.00	8.94	9.05	10.75	10.69	10.20	12.19	10.42
1979	14.13	14.13	13.20	12.44	11.80	11.19	9.94	10.35	12.94	14.88	12.70	14.38	12.67
1980	13.45	13.50	14.13	13.13	12.45	11.75	11.25	11.38					
HARD, CHERRYSTONES													
1976	19.25	17.50	15.30	14.75	15.50	15.10	14.84	15.44	15.88	15.70	16.00	17.70	16.08
1977	23.38	21.13	15.25	14.60	15.00	15.20	15.75	16.40	16.00	16.00	16.00	19.25	17.00
1978	21.38	22.38	18.25	16.44	17.50	17.13	17.25	17.65	19.88	18.63	17.30	22.25	18.84
1979	25.63	24.38	23.45	20.00	18.70	20.00	18.69	20.65	21.88	25.50	22.70	24.88	22.20
1980	23.80	23.63	25.00	22.75	20.80	21.25	20.80	22.63					
HARD, LITTLENECKS													
1976	48.31	43.75	34.58	32.50	34.50	34.25	34.14	36.25	40.75	35.10	37.00	44.80	37.99
1977	57.25	44.75	41.75	36.80	36.25	39.60	38.63	42.40	46.00	39.50	38.75	54.63	43.03
1978	59.50	62.00	52.63	40.00	45.70	42.00	48.50	56.90	65.75	51.00	43.00	62.38	52.45
1979	63.75	59.13	56.70	53.25	52.50	51.88	53.13	64.30	69.75	72.25	58.20	71.31	60.51
1980	66.00	72.75	74.63	58.13	52.80	56.00	60.50	65.25					
SOFT													
1976	30.50	24.40	20.70	23.23	23.00	24.39	34.81	34.50	33.50	30.20	28.25	32.50	28.33
1977	30.75	32.33	28.25	26.40	24.50	24.50	25.00	30.70	34.30	34.00	31.75	29.50	29.33
1978	29.63	32.17	29.33	26.50	24.70	22.88	25.13	29.50	34.63	31.25	32.20	29.75	28.97
1979	29.38	29.50	29.20	28.63	26.60	27.63	29.13	35.80	41.25	38.88	37.20	36.00	32.43
1980	36.38	35.80	35.75	34.88	32.25	32.00	33.80	38.38					
	DOLLARS PER GALLON												
SURF, MINCED													
1976	7.31	8.67	9.25	9.25	9.75	10.31	10.00	10.50	11.25	11.19	11.56	12.13	10.10
1977	12.50	12.00	11.81	11.80	11.75	11.75	11.75	11.75	11.88	11.75	11.75	11.75	11.85
1978	11.75	11.75	11.83	11.75	11.75	11.75	11.88	11.75	11.75	11.75	11.75	11.75	11.77
1979	11.75	11.75	11.75	11.75	11.75	11.75	11.75	11.75	11.75	12.25	12.75	12.75	11.96
1980	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75					
SURF, STRIPS													
1976	8.00	9.38	10.94	10.92	11.25	11.83	11.50	12.30	12.83	12.88	13.00	14.00	11.57
1977	14.00	14.00	13.50	13.50	13.69	13.75	13.75	13.80	13.75	13.75	13.75	13.75	13.75
1978	13.75	13.75	13.75	13.75	13.75	13.75	-	13.75	13.75	13.75	13.75	13.75	13.75
1979	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	-	14.08	14.75	14.75	13.96
1980	14.75	14.75	14.75	14.75	14.75	14.75	14.75	14.75					

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